Manitoba Council on Post-Secondary Education : statistical compendium for the academic years ending April 2001

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- Providence College and Seminary Registrar
- Steinbach Bible College Registrar
- William and Catherine Booth College Registrar
- The ACCESS Programs
- Campus Manitoba
- Inter-Universities North

The following publications were consulted as sources of information:

- Statistics Canada Centre for Education Statistics, and
- The Canadian Association of University Business Officers Annual Publication

EXECUTIVE SUMMARY

In accordance with its mandate, and as specified in *The Council on Post-Secondary Act,* the Council on Post-Secondary Education works in co-operation with the universities and colleges to develop and implement accountability requirements in Manitoba's post-secondary education system. One of the accountability initiatives is the collection and analysis of enrollment and related data from the post-secondary institutions, as reported in this first edition of the Statistical Compendium.

The Compendium is comprised of five chapters of tabulated data and analysis, with primary focus on student and course enrollments, graduation rates, faculties and programs, and tuition fees. Two additional sources of detailed information with data from the Canadian Association of University Business Officers (CAUBO) and comparisons of Canadian and international student tuition fees are appended to this report.

In Chapter 1, data and analysis is provided on Manitoba's four publicly funded universities (University of Manitoba, University of Winnipeg, Brandon University, and Collège universitaire de Saint-Boniface) on a five-year time frame ranging from 1996/97 to 2000/01. Data pertaining to universities prior to 1996/97 can be found in the annual reports of the Universities Grants Commission, the provincial government body that preceded the Council on Post-Secondary Education.

Chapter 2 reports data and analysis on the publicly funded colleges in Manitoba. These include Red River College, Assiniboine Community College, Keewatin Community College, and École technique et professionnelle (the college division of Collège universitaire de Saint-Boniface). Some college data is available from 1993/94 (the year in which colleges became board-governed under *The Colleges Act*) to 2000/01. However, due to changes in college reporting systems in the intervening years, most college data is reported for a shorter time frame.

The remaining three chapters present data and analysis on the ACCESS programs, Campus Manitoba, Inter-Universities North, the four private religious institutions funded by the Council (Canadian Mennonite University, Providence College and Seminary, Steinbach Bible College, and William and Catherine Booth College) and university and college tuition fees.

This executive summary highlights general findings from this report. Where more detail is required, readers may wish to consult the accompanying text and tables.

- All universities showed similar trends in enrollment between 1996/97 and 2000/01, with a drop between 1996/97 and 1997/98, followed by increases each year between 1998/99 and 2000/01. The year between 1997/98 and 1998/99 was the only time that all universities did not show a consistent enrollment trend.

- Women comprised a larger proportion of undergraduate regular session enrollment in each of the five years at all universities. Further, of the total undergraduate enrollment, the proportion of women increased from 57% to 59%, while the proportion of men enrolled decreased from 43% to 41% over the five-year period.

- University graduate student enrollment decreased by 321 students (8.2%) between 1996/97 and 2000/01. Part-time graduate enrollment declined by 6.6%, and full-time graduate enrollment dropped by 9.2%.

- The total number of university degrees granted between 1996 and 2000 decreased by 11.7%. The number of undergraduate degrees granted declined by 11%, and graduate degrees granted dropped by 16.4%. Women received an increasing proportion of undergraduate and graduate degrees granted over the five-year period.

- An increasing proportion of women were enrolled and received undergraduate degrees in Law, Management, Medicine and Engineering between 1996 and 2000. Women received 55.7% of Law and 48% of Management degrees awarded in 2000.

- Total college enrollment increased by 35% between 1993/94 and 2000/01. Enrollment increased in each of these years, with the exception of a 4% decrease between 1994/95 and 1995/96. Full-time enrollment increased by 38%, and part-time enrollment remained almost unchanged over the eight-year period.

- The college enrollment and graduation rates of Aboriginal students increased each year between 1998/99 and 2000/01 following the trend of the total number of college graduates that increased by 13.7% over the same period.

- Total enrollment in ACCESS programs increased every year between 1996/97 and 2000/01, and overall by 19.7%. Similarly, the number of graduates from ACCESS programs increased by 19% over the same period.

- Almost all (97.4%) of ACCESS program graduates either found work or were continuing their education following graduation. Additionally, all ACCESS graduates had found jobs related to their field of study.

- Course registrations in Campus Manitoba more than doubled from 414 to 883 between 1998/99 and 1999/00, and then increased again to 987 registrations in the following year. Enrollment in Inter-Universities North On-Site Programs increased by 11.4% between 1996/97 and 2000/01.

- Tuition fees increased every year at the colleges and universities until 2000/01 when the Government introduced a 10% tuition fee reduction. In comparison with other provinces, Manitoba had the third lowest university tuition fees and the lowest average college tuition fees in 2000/01.

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CHAPTER 1 – UNIVERSITIES

1.0 Background

There are four publicly funded universities in Manitoba, each operating under separate acts of legislation. All four of these institutions are defined as universities under the *Council on Post-Secondary Education Act.* They are: the University of Manitoba (UM), the University of Winnipeg (UW), Brandon University (BU) and Collège universitaire de Saint-Boniface (CUSB).

The UM is the largest and the most comprehensive university in Manitoba. In addition to offering undergraduate and graduate education in arts, science and other fields, the UM offers programs in a broad range of professional studies. The UW, BU and CUSB are all primarily undergraduate institutions, which offer both undergraduate and a limited number of graduate programs in arts, science, and education, as well as specialized programs on an institution-by-institution basis. CUSB offers university programming in French.

This chapter includes nine sections of data and analysis on the four universities for the years 1996/97 to 2000/01. The first three sections include total, undergraduate and graduate enrollment data for all academic sessions combined, as well as regular and spring/summer sessions. The fourth section covers undergraduate and graduate degrees granted by gender. The remaining five sections present additional detailed data and analysis at the faculty/school level for each university.

Data on university enrollment prior to 1996/97 can be found in the annual reports of the Universities Grants Commission (UGC). Some of the university-specific information previously presented in the UGC annual reports is not reported in this first edition of the Statistical Compendium. Where possible, this data will be included in later publications.

1.1 Total Enrollment

1.1.1 Total Enrollment – All Sessions

The "total student enrollment for all sessions" is the sum of all full-time and part-time students at each university in Manitoba. This includes undergraduate and graduate enrollments in both the regular session and spring/summer sessions. Total enrollment equals student headcount, which is the sum of all full-time (FT) and part-time (PT) students.

"Full-time equivalent" enrollment (FTE) is a calculation that equalizes all students to full-time status. This calculation takes the number of part-time students and divides by 3.5, which, according to Statistics Canada will give a figure equivalent to the number of students attending university full-time. When this number is added to the number of full-time students, the result is FTE.

For the most part, enrollment data reported in the Compendium reconciles with published Statistics Canada data. However, Statistics Canada does not allow a student to be reported twice in one year, which is inconsistent with this document where a student may be counted twice. Therefore, data reported here may not completely parallel data reported by Statistics Canada.

Regular session data is reported by the universities as of November 1 annually, and includes only those students who have paid tuition fees. Spring and summer data is reported two days following the voluntary withdrawal date of the final summer session term.

Table 1.1.1 shows that for the five-year period from 1996/97 to 2000/01, the proportions of total student enrollment by university remained unchanged. UM accounts for just over two-thirds or 69% of total university enrollment, UW 19%, BU 10%, and CUSB 2%.

All universities show a similar trend in enrollment change over the five-year period. Enrollment dropped between 1996/97 and 1997/98 and then successively increased between 1998/99 and 2000/01. The year between 1997/98 and 1998/99 was the only time in which all universities did not show a consistent enrollment trend. In that year, UM and CUSB had an increase in enrollment, while UW and BU showed a decrease. Overall, total enrollment increased by 203 students or .5% over the five years.

Total full-time enrollment dropped in each of the years between 1996/97 and 1999/00, and then increased by 826 students or 3.6% between 1999/00 and 2000/01. Total part-time enrollment dropped by 1,134 students or 6.5% between 1996/97 and 1997/98, followed by increases in each of the next three years. Overall, total full- time enrollment decreased slightly (174 students or .74%), while total part-time enrollment increased by 377 students or 2% over the five-year period.

Table 1.1.1 - Total Enrollment – All Sessions

University		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba [1,2]						
	FT	16,701	16,394	16,502	16,240	16,807
	PT	11,320	10,524	10,558	11,084	11,679
	Total	**28,021**	**26,918**	**27,060**	**27,324**	**28,486**
	FTE	19,935	19,401	19,519	19,407	20,144
University of Winnipeg						
	FT	4,618	4,371	4,205	4,280	4,423
	PT	3,603	3,379	3,393	3,365	3,580
	Total	**8,221**	**7,750**	**7,598**	**7,645**	**8,003**
	FTE	5,647	5,336	5,174	5,241	5,446
Brandon University						
	FT	1,914	1,726	1,620	1,708	1,788
	PT	2,248	2,183	2,140	2,174	2,203
	Total	**4,162**	**3,909**	**3,760**	**3,882**	**3,991**
	FTE	2,556	2,350	2,231	2,329	2,417
Collège universitaire de Saint-Boniface						
	FT	349	292	302	354	390
	PT	404	355	391	472	490
	Total	**753**	**647**	**693**	**826**	**880**
	FTE	464	393	414	489	530
Total						
	FT	23,582	22,783	22,629	22,582	23,408
	PT	17,575	16,441	16,482	17,095	17,952
	Total	**41,157**	**39,224**	**39,111**	**39,677**	**41,360**
	FTE	28,603	27,480	27,338	27,466	28,537

Notes
- Includes Graduate and Undergraduate data for both Spring/Summer and Regular Sessions.
1. Includes Pre-master's, Master's, Doctoral, Occasional, Diploma and Distance Education students.
2. Students are counted only once, regardless if they are enrolled in multiple sessions.

FTE=FT+(PT/3.5)

1.1.2 Total Enrollment – Regular Session

Regular session at universities is from September to April, and comprises one full academic year. Both full and part-time students enroll during a regular session.

Table 1.1.2 - Total Enrollment – Regular Session

University		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba [1]						
	FT	16,701	16,238	16,324	16,081	16,611
	PT	5,132	4,845	4,774	5,043	5,367
	Total	**21,833**	**21,083**	**21,098**	**21,124**	**21,978**
	FTE	18,167	17,622	17,688	17,522	18,144
University of Winnipeg						
	FT	4,579	4,346	4,192	4,267	4,406
	PT	1,907	1,831	1,782	1,871	1,987
	Total	**6,486**	**6,177**	**5,974**	**6,138**	**6,393**
	FTE	5,124	4,869	4,701	4,802	4,974
Brandon University						
	FT	1,914	1,726	1,620	1,708	1,788
	PT	911	862	940	1,018	1,096
	Total	**2,825**	**2,588**	**2,560**	**2,726**	**2,884**
	FTE	2,174	1,972	1,889	1,999	2,101
Collège universitaire de Saint-Boniface						
	FT	349	292	302	354	390
	PT	231	226	255	323	325
	Total	**580**	**518**	**557**	**677**	**715**
	FTE	415	357	375	446	483
Total						
	FT	23,543	22,602	22,438	22,410	23,195
	PT	8,181	7,764	7,751	8,255	8,775
	Total	**31,724**	**30,366**	**30,189**	**30,665**	**31,970**
	FTE	25,880	24,820	24,653	24,769	25,702

Notes:
- Includes Graduate and Undergraduate data for Regular Session only.
1. Includes Pre-master's, Master's, Doctoral, Occasional, Diploma, and Distance Education students.
FTE=FT+(PT/3.5)

Total enrollment for regular session, as found in Table 1.1.2 shows a similar trend over time to that of total enrollment. Between 1996/97 and 1997/98 total regular session enrollment dropped at all four universities. This was followed by increases in each of the years between 1998/99 and 2000/01. Overall, total regular session enrollment increased by 246 students or .8%.

In 2000/01, total FTE's were lower in 2000/01 than they were in 1996/97 for all universities, with the exception of CUSB, which increased by 68 FTE's or 16.4% between 1996/97 and 2000/01. CUSB, which comprises the smallest proportion of student enrollment among the universities, increased by 135 students or 23.3% in total regular session enrollment over that same time period.

Similar to the total enrollment data, regular session full-time enrollment (which comprised almost 75% of total enrollment) decreased each year between 1996/97 and 1999/00, followed by an increase of 785 students or 3.5% from 1999/00 to 2000/01. Regular session part-time enrollment (which comprised the remaining 25% of total enrollment) dropped each year between 1996/97 and 1998/99 and then increased over the next two years by 1,024 students or 13.2%.

Overall, there was a slight decrease of 348 students (1.5%) in regular session full-time enrollment and an increase of 594 (7.3%) part-time regular session students over the five-year period.

1.1.3 Total Enrollment – Spring/Summer Session

Intersession, Spring and Summer Sessions operate at universities between May and August and include both full and part-time students.

Table 1.1.3 shows that between 1996 and 2000 almost all spring and summer session enrollment at each university was comprised of part-time students. BU and CUSB did not offer full-time spring and summer session programming, and UM had no full-time enrollment in the 1996 spring and summer session. In 2000, 97.7% of total spring and summer session enrollment were part-time students, and 2.3% were full-time.

By 2000, total spring and summer session enrollment (9,390 students) had almost reached the same as it was in 1996 (9,433 students), after a decrease of 6.1% or 575 students between 1996 and 1997, followed by increases every year since 1997.

Over the time period between 1996/97 and 2000/01, the proportions of regular session enrollment (77%) and spring/summer session enrollment (23%) of the total enrollment did not change.

Table 1.1.3 - Total Enrollment – Spring/Summer Session

University		Academic Year 1996 - 2000				
		1996	1997	1998	1999	2000
University of Manitoba [1,2]						
	FT	0	156	178	159	196
	PT	6,188	5,679	5,784	6,041	6,312
	Total	**6,188**	**5,835**	**5,962**	**6,200**	**6,508**
	FTE	1,768	1,779	1,831	1,885	1,999
University of Winnipeg						
	FT	39	25	13	13	17
	PT	1,696	1,548	1,611	1,494	1,593
	Total	**1,735**	**1,573**	**1,624**	**1,507**	**1,610**
	FTE	524	467	473	440	472
Brandon University						
	FT	0	0	0	0	0
	PT	1,337	1,321	1,200	1,156	1,107
	Total	**1,337**	**1,321**	**1,200**	**1,156**	**1,107**
	FTE	382	377	343	330	316
Collège universitaire de Saint-Boniface						
	FT	0	0	0	0	0
	PT	173	129	136	149	165
	Total	**173**	**129**	**136**	**149**	**165**
	FTE	49	37	39	43	47
Total						
	FT	39	181	191	172	213
	PT	9,394	8,677	8,731	8,840	9,177
	Total	**9,433**	**8,858**	**8,922**	**9,012**	**9,390**
	FTE	2,723	2,660	2,686	2,698	2,835

Notes:
- Includes Graduate and Undergraduate data for both Spring/Summer Sessions.
1. Includes Pre-master's, Master's, Doctoral, Occasional, Diploma and Distance Education students.
2. Students are counted only once, regardless if they are enrolled in multiple sessions.

FTE=FT+(PT/3.5)

1.2 Undergraduate Enrollment

This section includes undergraduate enrollment data from 1996/97 to 2000/01 by session, gender, age, and for international students.

1.2.1 Undergraduate Enrollment – All Sessions

As shown in Table 1.2.1, the proportions of undergraduate enrollment by university (UM - 67%, UW - 21%, BU -10%, CUSB - 2%) have remained relatively unchanged between 1996/97 and 2000/01. Additionally, these proportions of undergraduate enrollment by university are essentially the same as those of the total enrollment by university, as shown in Table 1.1.1.

Table 1.2.1 - Undergraduate Enrollment – All Sessions

University		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba [1]						
	FT	14,265	14,042	14,190	14,003	14,600
	PT	10,128	9,427	9,548	10,067	10,622
	Total	**24,393**	**23,469**	**23,738**	**24,070**	**25,222**
	FTE	17,159	16,735	16,918	16,879	17,635
University of Winnipeg						
	FT	4,602	4,353	4,187	4,267	4,405
	PT	3,581	3,354	3,368	3,340	3,555
	Total	**8,183**	**7,707**	**7,555**	**7,607**	**7,960**
	FTE	5,625	5,311	5,149	5,221	5,421
Brandon University						
	FT	1,908	1,722	1,617	1,702	1,782
	PT	2,098	2,034	1,965	2,011	2,030
	Total	**4,006**	**3,756**	**3,582**	**3,713**	**3,812**
	FTE	2,507	2,303	2,178	2,277	2,362
Collège universitaire de Saint-Boniface						
	FT	348	292	302	352	388
	PT	332	303	311	392	404
	Total	**680**	**595**	**613**	**744**	**792**
	FTE	443	379	391	464	503
Total						
	FT	21,123	20,409	20,296	20,324	21,175
	PT	16,139	15,118	15,192	15,810	16,611
	Total	**37,262**	**35,527**	**35,488**	**36,134**	**37,786**
	FTE	25,734	24,728	24,637	24,841	25,921

Notes:
- Includes Undergraduate data for both Spring/Summer and Regular Sessions.
1 Students are counted once, regardless if they are enrolled in multiple sessions.
FTE=FT+(FT/3.5)

Total undergraduate enrollment in Table 1.2.1 shows a similar trend to that of total enrollment over the five-year period, with all four universities showing a decrease between 1996/97 and 1997/98, followed by successive increases in each of the years between 1998/99 and 2000/01. Additionally, 1997/88 to 1998/99 was the one year that universities differed in enrollment trends (UM and CUSB had an increase, and UW and BU a decrease). Over the five-year period, total undergraduate enrollment increased by 524 students or 1.4%.

As with total full-time enrollment, undergraduate full-time enrollment decreased by 827 students (3.9%) between 1996/97 and 1998/99, and then increased by 879 students (4.3%) between 1998/99 and 2000/01. Total part-time enrollment dropped by 1,021 students (6.3%) between 1996/97 and 1997/98, and then increased by 1,493 (9.9%) students between 1997/98 and 2000/01. Overall, total full-time undergraduate enrollment increased negligibly by 52 students (.2%) over the five-year period, while total part-time undergraduate enrollment increased by 472 students or 2.9%.

1.2.2 Undergraduate Enrollment – Regular Session

As Table 1.2.2 shows, undergraduate regular session enrollment trends are similar to those of total regular session enrollments, with decreases at all four universities between 1996/97 and 1997/98, followed by increases each year between 1998/99 and 2000/01. Again, 1997/98 to 1998/99 was the only year that trends were not consistent across universities - UM and CUSB showed an increase, and UW and BU a decrease.

Table 1.2.2 - Undergraduate Enrollment – Regular Session

University		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba						
	FT	14,265	13,886	14,012	13,844	14,404
	PT	4,304	4,031	4,063	4,310	4,596
	Total	**18,569**	**17,917**	**18,075**	**18,154**	**19,000**
	FTE	15,495	15,038	15,173	15,075	15,717
University of Winnipeg						
	FT	4,563	4,328	4,174	4,254	4,388
	PT	1,885	1,806	1,757	1,846	1,962
	Total	**6,448**	**6,134**	**5,931**	**6,100**	**6,350**
	FTE	5,102	4,844	4,676	4,781	4,949
Brandon University						
	FT	1,908	1,722	1,617	1,702	1,782
	PT	850	802	870	917	1,004
	Total	**2,758**	**2,524**	**2,487**	**2,619**	**2,786**
	FTE	2,151	1,951	1,866	1,964	2,069
Collège universitaire de Saint-Boniface						
	FT	348	292	302	352	388
	PT	195	191	205	270	264
	Total	**543**	**483**	**507**	**622**	**652**
	FTE	404	347	361	429	463
Total						
	FT	21,084	20,228	20,105	20,152	20,962
	PT	7,234	6,830	6,895	7,343	7,826
	Total	**28,318**	**27,058**	**27,000**	**27,495**	**28,788**
	FTE	23,151	22,179	22,075	22,250	23,198

Note:
FTE=FT+(PT/3.5)

A comparison of undergraduate regular session enrollments between 1996/97 and 2000/01 shows an increase of 470 students (1.7%) over time. CUSB had the largest overall increase of 109 students (20%). The largest total undergraduate enrollment increase in five years took place between 1999/00 and 2000/01 (1,293 or 4.7%).

Full and part-time undergraduate regular session enrollments showed a similar trend to that of total regular session enrollments. Over the five-year period, total undergraduate

regular session full-time enrollment started to increase in 1999/00, while part-time enrollment began to increase a year earlier in 1998/99. Overall, total undergraduate full-time enrollment remained almost unchanged (.6% decrease), while part-time enrollment increased by 592 students or 8.2%.

1.2.3 Undergraduate Enrollment – Spring/Summer Session

Similar to the data on total enrollment for spring and summer session in Table 1.1.3, almost all undergraduate spring and summer session enrollment was comprised of part-time students. Additionally, comparing the data from Tables 1.1.3 and 1.2.3 suggest that full-time time spring and summer session enrollment at all four universities was at the undergraduate level.

Table 1.2.3 - Undergraduate Enrollment – Spring/Summer Session

University		Academic Year 1996 - 2000				
		1996	1997	1998	1999	2000
University of Manitoba [1]						
	FT	0	156	178	159	196
	PT	5,824	5,396	5,485	5,757	6,026
	Total	**5,824**	**5,552**	**5,663**	**5,916**	**6,222**
	FTE	1,664	1,698	1,745	1,804	1,918
University of Winnipeg						
	FT	39	25	13	13	17
	PT	1,696	1,548	1,611	1,494	1,593
	Total	**1,735**	**1,573**	**1,624**	**1,507**	**1,610**
	FTE	524	467	473	440	472
Brandon University						
	FT	0	0	0	0	0
	PT	1,248	1,232	1,095	1,094	1,026
	Total	**1,248**	**1,232**	**1,095**	**1,094**	**1,026**
	FTE	357	352	313	313	293
Collège universitaire de Saint-Boniface						
	FT	0	0	0	0	0
	PT	137	112	106	122	140
	Total	**137**	**112**	**106**	**122**	**140**
	FTE	39	32	30	35	40
Total						
	FT	39	181	191	172	213
	PT	8,905	8,288	8,297	8,467	8,785
	Total	**8,944**	**8,469**	**8,488**	**8,639**	**8,998**
	FTE	2,583	2,549	2,562	2,591	2,723

Notes:
- These include all non-winter courses from May to August.
1. Students are counted only once, regardless if they are enrolled in multiple sessions.
FTE=FT+(PT/3.5)

Between 1996 and 2000, total undergraduate spring and summer session enrollment had remained almost unchanged (an increase of 54 students or .6%). Overall, undergraduate spring and summer session enrollment comprised about 96% of the total spring and summer session enrollment.

1.2.4 Undergraduate Enrollment by Gender – Regular Session

Women comprised a larger proportion of undergraduate regular session enrollment in each of the five years at all four universities, as Table 1.2.4 shows. Further, of the total undergraduate enrollment, the proportion of women increased from 57 to 59%, while the proportion of men decreased from 43% to 41% over the five-year period.

Table 1.2.4 - Undergraduate Enrollment by Gender – Regular Session

University	Academic Year 1996/97 – 2000/01									
	1996/97		1997/98		1998/99		1999/00		2000/01	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba [1]										
FT	7,568	6,697	7,390	6,496	7,544	6,468	7,449	6,395	7,935	6,469
PT	2,126	1,420	1,935	1,373	1,873	1,451	2,128	1,483	2,291	1,536
Total	**9,694**	**8,117**	**9,325**	**7,869**	**9,417**	**7,919**	**9,577**	**7,878**	**10,226**	**8,005**
FTE	10,338	9,016	10,054	8,744	10,235	8,731	10,185	8,646	10,857	8,756
University of Winnipeg										
FT	2,669	1,894	2,589	1,739	2,561	1,613	2,701	1,553	2,802	1,586
PT	1,137	748	1,089	717	1,048	709	1,143	703	1,231	731
Total	**3,806**	**2,642**	**3,678**	**2,456**	**3,609**	**2,322**	**3,844**	**2,256**	**4,033**	**2,317**
FTE	3,756	2,649	3,640	2,441	3,592	2,276	3,799	2,198	3,954	2,248
Brandon University										
FT	1,175	733	1,071	651	1,024	593	1,106	596	1,138	644
PT	541	309	523	279	576	294	621	296	685	319
Total	**1,716**	**1,042**	**1,594**	**930**	**1,600**	**887**	**1,727**	**892**	**1,823**	**963**
FTE	1,665	1,031	1,526	917	1,481	846	1,599	851	1,659	919
Collège universitaire de Saint-Boniface										
FT	243	105	196	96	211	91	245	107	269	119
PT	133	62	135	56	144	61	180	90	185	79
Total	**376**	**167**	**331**	**152**	**355**	**152**	**425**	**197**	**454**	**198**
FTE	350	153	291	139	312	134	366	163	399	176
Grand Total										
FT	11,655	9,429	11,246	8,982	11,340	8,765	11,501	8,651	12,144	8,818
PT	3,937	2,539	3,682	2,425	3,641	2,515	4,072	2,572	4,392	2,665
Total	**15,592**	**11,968**	**14,928**	**11,407**	**14,981**	**11,280**	**15,573**	**11,223**	**16,536**	**11,483**
FTE	12,780	10,154	12,298	9,675	12,380	9,484	12,664	9,386	13,399	9,579
Total [2]	**27,560**		**26,335**		**26,261**		**26,796**		**28,019**	

Notes:
- Gender is self-declared. Not all students report their gender.
1. Does not include Distance Education.
2. Totals are not equal to those in Table 1.2.2 as not all students report their gender.

FTE=FT+(PT/3.5)

Of the total undergraduate enrollment for regular session by gender at all universities, UM had the smallest percentage of difference in men (46% to 44%) relative to women (54% to 56%), while CUSB had the largest (70% women, 30% men).

Analysis of total enrollment trends shows that as the enrollment for women increased each year between 1997/98 and 2000/01, enrollment for men dropped each year beginning in 1996/97, before the trend reversed with an increase of 260 students (2.3%) between 1999/00 and 2000/01.

1.2.5 Undergraduate Enrollment by Age – Regular Session

As the data in Table 1.2.5 show, the largest proportion of the undergraduate regular session enrollment by age in both 1999/00 and 2000/01 was students aged 15 – 20 years at all universities, except UM. At UM, undergraduate students aged 21 – 25 formed the largest proportion of its regular session enrollment in both of those years.

The data also show that part-time students aged 31 and older formed the larger proportion of undergraduate enrollment at UW and BU. Undergraduate students aged 26 and older at CUSB, and those aged 36 and older at UM were more likely to be enrolled part-time than full-time.

Table 1.2.5 - Undergraduate Enrollment by Age – Regular Session

Age Range	University by Academic Year 1999/00 – 2000/01															
	University of Manitoba[1,2,3]				University of Winnipeg[4]				Brandon University[5]				Collège universitaire de Saint-Boniface			
	1999/00		2000/01		1999/00		2000/01		1999/00		2000/01		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
15-20	6,211	702	6,039	754	2,062	590	1,991	702	851	190	894	190	234	46	244	48
21-25	5,739	1,443	5,964	1,481	1,585	663	1,719	689	565	246	588	276	88	65	100	64
26-30	1,075	511	1,163	548	322	234	340	272	157	146	159	189	15	33	24	28
31-35	386	298	454	328	121	170	135	190	60	128	67	129	7	20	7	18
36-40	214	235	264	272	61	123	85	149	31	103	40	111	3	13	5	19
41-45	121	187	132	199	42	78	43	97	25	73	23	74	2	21	6	17
46-50	47	132	55	136	20	69	20	57	9	35	6	39	3	19	2	19
51-55	12	50	16	54	8	30	10	35	1	10	2	16		10		12
56-60	5	17	6	21	1	12	3	11	1	4	2	5		6		6
61-65	2	13	2	4	1	9	2	15		3	1	4		3		2
66+	1	21	2	22	1	25		24	1	5		3				
Subtotal	**13,813**	**3,609**	**14,367**	**3,819**	**4,224**	**2,003**	**4,348**	**2,241**	**1,701**	**943**	**1,782**	**1,036**	**352**	**236**	**388**	**233**
Total	**17,422**		**18,186**		**6,227**		**6,589**		**2,644**		**2,818**		**588**		**621**	

Notes:
- Age is self-declared and not all students report their age.
1. Excludes Pre-Master's students. Pre-Master's students are included in Graduate Studies.
2. Full-time based on 60% of the Normal Prescribed Credit Hour Load.
3. Includes students who are taking all their courses through a distance method of delivery.
4. UW reports age at the end Fall/Winter session therefore part-time totals will be higher than those in Table 1.2.2.
5. Due to student tracking system constraints, BU cannot completely reconcile its part-time age figures to those in Table 1.2.2.

1.2.6 Undergraduate Enrollment of International Students – Regular Session

Table 1.2.6 shows that in general, undergraduate enrollment of international students had been on the increase over the five-year period at all universities, with the exception of UW. At UW, international student enrollment dropped every year, except in 1999/00, to almost 50% in 2000/01 of what it was in 1996/97.

The majority of undergraduate international students came from Asia to all of the universities, with the exception of CUSB. Data from CUSB shows that from 1996/97, the largest numbers of international students came from Africa. In the two years following, the majority of its international student enrollment came from Europe.

The geographic location groupings for the international student enrollment shown in Table 1.2.6 is as follows:

- **Africa** - Botswana, Burundi, Ghana, Ivory Coast, Kenya, Libya, Malawi, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Nigeria, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia, Zimbabwe, etc.
- **Asia** - Bangladesh, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, Maldives, Myanmar, Nepal, North Korea, Pakistan, People's Republic of China, Philippines, Singapore, Sri Lanka, South Korea, South Vietnam, Taiwan, Thailand, Vietnam, etc.
- **Europe** - Albania, Belgium, Bosnia-Herzegovina, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Luxembourg, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, Yugoslavia, etc.
- **Middle East** - Iran, Israel, Lebanon, Palestine, Saudi Arabia, Turkey, United Arab Emirates, etc.
- **North and Central America** - Antilles, Aruba, Bahamas, Barbados, Honduras, Jamaica, Mexico, Nicaragua, Panama, St. Lucia, St. Vincent & Grenadines, Trinidad & Tobago, United States, etc.
- **Oceania** - Australia, New Zealand
- **South America** - Argentina, Brazil, Chile, Colombia, Peru, Uruguay, Venezuela, etc.

Table 1.2.6 - Undergraduate Enrollment of International Students – Regular Session

University	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba					
Africa			34	43	59
Asia			242	286	328
Europe			53	65	62
Middle East			9	7	7
North & Central America			21	39	42
Oceania[1]			2	1	4
South America			5	7	8
Total	**N/A**	**N/A**	**366**	**448**	**510**
University of Winnipeg					
Africa	2	3	2	2	5
Asia	118	73	62	65	48
Europe	13	13	15	11	11
Middle East		1		2	2
North & Central America	3	1	2	7	4
Oceania[1]		1	2	3	4
South America	4	1	2	4	
Other	1	3	2		
Total	**141**	**96**	**87**	**94**	**74**
Brandon University					
Africa	8	6	7	15	19
Asia	23	17	43	50	42
Europe	12	12	10	8	13
Middle East	1	1		1	2
North & Central America	4	9	11	9	9
Oceania[1]					1
South America	1	2	1	2	2
Unknown	2		2	1	
Total	**51**	**47**	**74**	**86**	**88**
Collège universitaire de Saint-Boniface					
Africa	4	5	3	6	8
Asia	1				
Europe	2	2	2	13	11
Middle East			1	1	
North & Central America		2	3	3	
Oceania[1]	1	1			
South America					
Total	**8**	**10**	**9**	**23**	**19**

Notes:
- Does not include Permanent Residents.
1. Oceania includes Australia and New Zealand.

1.3 Graduate Enrollment

1.3.1 Graduate Enrollment – All Sessions

Table 1.3.1 shows that of the four universities over the five-year period, UM accounted for just over 90% of total graduate enrollment.

Table 1.3.1 - Graduate Enrollment – All Sessions

University		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba [1,2,3]						
	FT	2,436	2,352	2,312	2,237	2,207
	PT	1,192	1,097	1,010	1,017	1,057
	Total	**3,628**	**3,449**	**3,332**	**3,254**	**3,264**
	FTE	2,777	2,665	2,601	2,528	2,509
University of Winnipeg						
	FT	16	18	18	13	18
	PT	22	25	25	25	25
	Total	**38**	**43**	**43**	**38**	**43**
	FTE	22	25	25	20	25
Brandon University						
	FT	6	4	3	6	6
	PT	150	149	175	163	173
	Total	**156**	**153**	**178**	**169**	**179**
	FTE	49	47	53	53	55
Collège universitaire de Saint-Boniface						
	FT	1	0	0	2	2
	PT	72	52	80	80	86
	Total	**73**	**52**	**80**	**82**	**88**
	FTE	22	15	23	20	27
Total						
	FT	2,459	2,374	2,333	2,258	2,233
	PT	1,436	1,323	1,290	1,285	1,341
	Total	**3,895**	**3,697**	**3,623**	**3,543**	**3,574**
	FTE	2,869	2,752	2,702	2,625	2,616

Notes:
- Includes Regular Session and Spring and Summer Sessions.
1. Includes Joint Master's Program students who have their workload directly associated with the UM.
2. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
3. Students are counted only once, regardless if they are enrolled in multiple sessions.

FTE(FT+(PT/3.5)

Although there were fluctuations in graduate enrollment on a year-over-year basis among UW, BU, and CUSB; UM showed decreases in graduate enrollment in each of the years between 1996/97 and 1999/00, followed by a slight increase between 1999/00 and 2000/01. Total graduate enrollment decreased by 364 students or 10% at UM, and overall, by 321 students or 8.2% over the five years.

Total part-time graduate enrollment followed the same general trend as total graduate enrollment with a decrease every year, followed by an increase between 1999/00 and 2000/01. Overall, part-time graduate enrollment dropped by 6.6% (95 students), while total full-time graduate enrollment decreased by 9.2% or 226 students.

A comparison of graduate and undergraduate enrollment data shows that of the total university enrollment, the proportions of undergraduate enrollment (91%) and graduate enrollment (9%) remained relatively constant over the five-year.

1.3.2 Graduate Enrollment – Regular Session

Graduate enrollment for regular session, as found in Table 1.3.2, shows a trend similar to that of total graduate enrollment. UW, BU and CUSB each showed a small enrollment increase over the five-year period, while UM showed a decrease of 8.8% or 286 students. Overall, graduate regular session enrollment decreased by 224 students or 6.6%.

Regular session full-time graduate enrollment also showed a similar trend to total graduate enrollment with an overall decrease of 226 students or 9.2%. Total part-time enrollment on the other hand, decreased by 91 students (9.6%) between 1996/97 and 1998/99, and then rebounded in 2000/01 to almost the same as it was five years earlier.

1.3.3 Graduate Enrollment – Spring/Summer Session

As Table 1.3.3 shows, total graduate enrollment for spring and summer session fluctuated between 1996 and 2000, but decreased overall by 97 students or 19.8%.

Over the five-year period, regular session graduate enrollment comprised 87% to 89%, and spring and summer session 11% to13% of the total graduate student enrollment. Overall, graduate spring and summer session enrollment accounted for approximately 4% to 5% of total spring and summer session enrollment.

Table 1.3.2 - Graduate Enrollment – Regular Session

University		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba[1,2]						
	FT	2,436	2,352	2,312	2,237	2,207
	PT	828	814	711	733	771
	Total	**3,264**	**3,166**	**3,023**	**2,970**	**2,978**
	FTE	2,673	2,585	2,515	2,446	2,427
University of Winnipeg						
	FT	16	18	18	13	18
	PT	22	25	25	25	25
	Total	**38**	**43**	**43**	**38**	**43**
	FTE	22	25	25	20	25
Brandon University						
	FT	6	4	3	6	6
	PT	61	60	70	101	92
	Total	**67**	**64**	**73**	**107**	**98**
	FTE	23	21	23	35	32
Collège universitaire de Saint-Boniface						
	FT	1	0	0	2	2
	PT	36	35	50	53	61
	Total	**37**	**35**	**50**	**55**	**63**
	FTE	11	10	14	17	19
Total						
	FT	2,459	2,374	2,333	2,258	2,233
	PT	947	934	856	912	949
	Total	**3,406**	**3,308**	**3,189**	**3,170**	**3,182**
	FTE	2,730	2,641	2,578	2,519	2,504

Notes:
1. UM graduate totals include Joint Master's Program students (based on workload calculations) and Post-Graduate Medical and Education (PGME) students.
2. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.

FTE=FT+(PT/3.5)

Table 1.3.3 - Graduate Enrollment – Spring/Summer Session

University	Academic Year 1996 – 2000				
	1996	1997	1998	1999	2000
University of Manitoba[1,2]	364	283	299	284	286
University of Winnipeg	0	0	0	0	0
Brandon University	89	89	105	62	81
Collège universitaire de Saint-Boniface	36	17	30	27	25
Total	**489**	**389**	**434**	**373**	**392**

Notes:
- Includes all part-time students.
1. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
2. Students are counted only once, regardless if they are enrolled in multiple sessions.

FTE=FT+(PT/3.5)

1.3.4 Graduate Enrollment by Gender – Regular Session

As the data in Table 1.3.4 show, women comprised a larger proportion of regular session graduate enrollment at UM and BU each year between 1996/97 and 2000/01. Men, on the other hand, increasingly outnumbered women in graduate student enrollment at CUSB by a ratio of more than 2:1 by 2000/01.

The data also show that almost all graduate student enrollments at BU and CUSB were on a part-time basis. Of the total graduate enrollment of women at UM, approximately two-thirds were enrolled in full-time and one-third in part-time regular session programs, Additionally, just over 75% of men were enrolled full-time and 25% were enrolled in part-time graduate programs over the five years.

Table 1.3.4 - Graduate Enrollment by Gender – Regular Session

University	Academic Year 1996/97 – 2000/01									
	1996/97		1997/98		1998/99		1999/00		2000/01	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba [1,2]										
FT	964	1,099	943	1,035	931	1,003	892	965	891	931
PT	506	322	485	329	442	269	447	286	483	288
Total	**1,470**	**1,421**	**1,428**	**1,364**	**1,373**	**1,272**	**1,339**	**1,251**	**1,374**	**1,219**
FTE	1,109	1,191	1,082	1,129	1,057	1,080	1,020	1,047	1,029	1,013
University of Winnipeg [3]										
FT	10		16		18		18		13	
PT	19		18		22		25		25	
Total	**29**		**34**		**40**		**43**		**38**	
FTE	15		21		24		25		20	
Brandon University										
FT	5	1	3	1	3	0	4	2	3	3
PT	33	28	44	16	43	27	75	26	63	29
Total	**38**	**29**	**47**	**17**	**46**	**27**	**79**	**28**	**66**	**32**
FTE	14	9	16	6	15	8	25	9	21	11
Collège universitaire de Saint-Boniface										
FT	1	0	0	0	0	0	2	0	2	0
PT	15	21	14	21	21	29	15	38	18	43
Total	**16**	**21**	**14**	**21**	**21**	**29**	**17**	**38**	**20**	**43**
FTE	5	6	4	6	6	8	6	11	7	12

Notes:
- Gender is self-declared. Not all students report their gender.
- Totals are not equal to those in Table 1.3.2 as not all students report their gender
1. Does not include Post-Graduate Medical and Education (PGME) students.
2. Includes Pre-master's, Master's, Doctoral, Occasional and Diploma students.
3. U W did not provide gender breakdowns for their graduate students.

FTE=FT+(PT/3 5)

1.4 Degrees Granted

1.4.1 Total Degrees Granted

The number of university degrees granted, as shown in Table 1.4.1 declined from 6,035 in 1996 to 5,326 in 2000 – a decrease of 709 or 11.7%. Of the total degrees granted by university between 1996 and 2000, UM/CUSB granted 73%, UW 18%, and BU 9%.

Table 1.4.1 - Total Degrees Granted

University	Academic Year 1996 - 2000				
	1996	1997	1998	1999	2000
University of Manitoba [1]	4,433	4,271	4,136	4,009	3,883
University of Winnipeg	1,057	1,002	966	937	991
Brandon University	545	589	495	484	452
Total	**6,035**	**5,862**	**5,597**	**5,430**	**5,326**
CUSB	145	133	86	94	106

Notes:
- The reporting of degrees is based on a calendar year (February, May and October graduands).
1. Includes CUSB's graduates because CUSB is an affiliated college of the UM and as such CUSB works through the UM's Senate to confer degrees. Therefore, CUSB students receive a UM degree and are counted in the UM's graduate tables.

1.4.2 Undergraduate Degrees Granted by Gender

As Table 1.4.2 shows, over the five-year period, the total number of undergraduate degrees granted by Manitoba's universities decreased by 11% (584 graduates). This is similar to the declining trend of total degrees granted between 1996 and 2000. Annually, the number of degrees granted every year declined, with the most significant being a decrease of 4.1% (211 graduates) between 1997 and 1998. These decreases in graduates are the result of the overall enrollment decreases in the early 1990s – the effects of which are usually seen four to six years later.

Of the total degrees granted in 1996, 56% of women and 44% of men were granted undergraduate degrees. By 2000, the proportion of women receiving undergraduate degrees had increased to 59%, while the proportion of men receiving degrees had slipped to 41%.

Analysis by gender shows that over the five-year period, the number of women receiving undergraduate degrees decreased by 6.6% (196 graduates), while the number of men receiving undergraduate degrees dropped by 16.7% (388 graduates) again, due to enrollment decreases in earlier years.

Table 1.4.2 - Undergraduate Degrees Granted by Gender

University	Academic Year 1996 - 2000									
	1996		1997		1998		1999		2000	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba [1]	2,084	1,700	1,993	1,626	1,958	1,556	1,923	1,488	1,928	1,420
University of Winnipeg	590	448	589	395	571	373	554	358	589	377
Brandon University	311	182	357	166	295	162	287	160	272	145
Subtotal	**2,985**	**2,330**	**2,939**	**2,187**	**2,824**	**2,091**	**2,764**	**2,006**	**2,789**	**1,942**
Total[2]	**5,315**		**5,126**		**4,915**		**4,770**		**4,731**	
CUSB	93	42	87	36	54	25	59	23	71	29

Notes:
- The reporting of degrees is based on a calendar year (February, May and October graduands).
1. Includes CUSB's graduates because CUSB is an affiliated college of the UM and as such CUSB works through the UM's Senate to confer degrees. Therefore, CUSB students receive a UM degree and are counted in the UM's graduate tables.
2. Totals are not equal to those in Table 1.4.1 as gender is self-declared. Not all students report their gender.

1.4.3 Graduate Degrees Granted by Gender

The total graduate degrees granted by Manitoba's universities between 1996 and 2000 declined by 117 or 16.4%, as shown in Table 1.4.3. The data also show that in 1996 women received 329 (46%), and men 384 (54%) of total graduate degrees granted. By 2000, these proportions by gender had reversed, with women receiving 316 (53%), and men 280 (47%) of total graduate degrees granted.

Table 1.4.3 - Graduate Degrees Granted by Gender

University	Academic Year 1996 - 2000									
	1996		1997		1998		1999		2000	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
University of Manitoba [1]	285	364	307	345	315	307	303	295	273	262
University of Winnipeg	14	10	12	12	17	15	16	8	18	10
Brandon University	30	10	24	14	20	9	20	13	25	8
Subtotal	**329**	**384**	**343**	**371**	**352**	**331**	**339**	**316**	**316**	**280**
Total[2]	**713**		**714**		**683**		**655**		**596**	
CUSB	2	8	6	2	6	1	8	5	2	5

Notes:
- The reporting of degrees is based on a calendar year (February, May and October graduands).
1. Includes CUSB's graduates because CUSB is an affiliated college of the UM and as such CUSB works through the UM's Senate to confer degrees. Therefore, CUSB students receive a UM degree and are counted in the UM's graduate tables.
2. Totals are not equal to those in Table 1.4.1 as gender is self-declared. Not all students report their gender.

1.5 Undergraduate Enrollment by University and Faculty/School

The remaining sections in this chapter present a more detailed level of data and analysis for each university by faculty/school on undergraduate and graduate enrollment, credit hours, and degrees granted.

1.5.1 Undergraduate Enrollment by University and Faculty/School – Regular Session

- **University of Manitoba**

Total undergraduate enrollment for regular session at UM increased by 2.3% (431 students) over the five-years between 1996/97 and 2000/01. UM's undergraduate regular session enrollment decreased by 3.5% (652 students) between 1996/97 and 1997/98, followed by successive increases in each of the remaining years which followed the general trend in total undergraduate enrollment.

Table 1.5.1 shows that between 1996/97 and 2000/01, those faculties with the largest enrollments at the UM in 1996/97 had substantial decreases in enrollments by 2000/01. These include Education (42%), Arts (40%), and Science (30%). Other faculties with smaller enrollments also showed large decreases (Engineering 25%, Agriculture 29%, and Human Ecology 57%).

At the same time that enrollments in these faculties were decreasing, UM introduced University 1 in 1998/99 - a series of introductory level courses designed to help first year students make a successful transition to university. (Exceptions are students admitted to the School of Art – Studio programs, the School of Music, the School of Agriculture - Diploma program, and students who qualify for direct entry to the Faculty of Engineering).[1] University 1 enrollments increased from 2,939 in 1998/99 to 4,167 in 2000/01, a rise of 1,228 students or 41.8%, which accounts for the decreased enrollments in Arts, Science and Education.

Other faculties/schools such as Social Work, Management, and Nursing had enrollment increases of 11%, 13% and 22% respectively, while enrollments in faculties such as Pharmacy, Medical Rehabilitation, Architecture and Music remained about the same over the five-year period. Of particular note is the enrollment change in Continuing Education – an increase of 311 students or 41%.

The UM data also show some interesting changes in enrollment trends by gender. As a proportion of total enrollment over the five-year period, the undergraduate enrollment of women increased from 10,703 (54%) in 1996/97 to 10,118 (56%) in 2000/01. During the same time period, enrollment for men decreased from 8,451 (46%) to 8,297 (44%).

[1] Source – University of Manitoba Undergraduate Calendar

Additional findings reveal that the number of women in professional programs at the UM increased in Law (4.6%), Dentistry (27.7%), Medicine (20%), and Management (22.1%). This can be attributed to an overall general increase in the number of women enrolled in undergraduate studies over the five-year period.

By contrast, the enrollment of men in the nursing program increased by 40% (36 students) during the 1996/97 to 2000/01 period.

- **University of Winnipeg**

Over the years between 1996/97 and 2000/01, Table 1.5.1 shows that undergraduate regular session enrollment at UW decreased by 1.5% or 98 students. Enrollment decreased between 1996/97 and 1997/98 by 314 students (4.9%), and again in 1998/99 by 203 students (3.3%). This was followed by increases of 169 students (2.8%) in 1999/00 and 250 students (4.1%) in 2000/01, which reflected the same system wide trend in these years.

The enrollment data by faculty from UW indicate that over the five-year period, the enrollments in Arts and Science had decreased by 1,169 students (30%) and 485 students (37%) respectively, while enrollment in Education increased by 274 students (63%). The enrollment increase in Education coincides with the transfer of the Winnipeg Education Centre (Education Programs) from UM to UW in 1998, and the addition of the fifth year of the Bachelor of Education Program in 2000/01. The enrollment of those "Other" students who had not declared a major had more than doubled over the five years.

Enrollment by gender at UW shows that between 1996/97 and 2000/01 the number of women enrolled increased by 227 or 6%, while the number of men enrolled decreased by 325 or 12.3% - a trend similar to that at UM.

- **Brandon University**

Between 1996/97 and 2000/01, as shown in Table 1.5.1, BU's undergraduate regular session enrollment increased by 1.0% (28 students). On a year-over-year basis, BU's enrollments decreased by 8.5% (234 students) between 1996/97 and 1997/98, and by 1.5% (37 students) between 1997/98 and 1998/99, following the general decreasing trend in undergraduate enrollment. After 1998/99, enrollments rose steadily, increasing by as much as 5.3% (132 students) in 1999/00. In 2000/01, enrollment increased again by 6.4% (167 students) to 2,786 students, which surpassed the previous 1996/97 enrollment high of 2,758 students.

Over the five-year period, BU's faculties of Education, Science and Music had enrollment decreases of 200 students (24%), 142 students (19%) and 10 students (9%), respectively. Enrollment increased by 171 students (71%) in the Bachelor of General Studies Program over the five-year period. Enrollment in Health Studies increased from

90 to 155 students or 72% in the years between 1997/98 and 2000/01. Enrollment in Arts remained essentially unchanged over the five years.

Similar to UM and UW, the BU data show that as a proportion of the total enrollment, the number of women enrolled increased from 1,716 (62%) to 1,823 (65%), while the enrollment of men decreased from 1,042 (38%) to 963 (35%) between 1996/97 and 2000/01.

- **Collège universitaire de Saint-Boniface**

Over the five-year period between 1996/97 to 2000/01, CUSB's undergraduate regular session enrollment increased by 20.1% or 109 students, as noted in Table 1.5.1. Annually, CUSB's enrollment rose every year of the five-year period except the year between 1996/97 and 1997/98, where enrollment decreased by 11% or 60 students, following the general downward trend in undergraduate enrollment.

CUSB's enrollment by faculty shows decreases in Arts (28 students or 11%), Science (56 students or 52%), and Education (49 students or 33%) over the five-year period. Similar to the UM, University 1 was introduced at CUSB in 1998/99, where enrollment almost doubled from 101 to 199 students between 1998/99 and 2000/01. The introduction of University 1 at CUSB accounts for the decreased enrollments in Arts, Science and Education.

Analysis by gender shows that of the total enrollment at CUSB, the proportion of women enrolled (69%) relative to men (31%) remained relatively stable over the five-year period.

Table 1.5.1 - Undergraduate Enrollment by University and Faculty/School – Regular Session

Faculty by University	Academic Year 1996/97 – 2000/01																			
	1996/97				1997/98				1998/99				1999/00				2000/01			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba[1]																				
Agricultural & Food Sciences																				
Degree	250	235	29	29	266	237	24	25	218	197	19	26	184	178	21	26	155	156	24	24
Diploma	25	104	3	18	31	128	4	13	25	138	4	14	29	115	4	20	26	96	2	12
Architecture	168	128	6	2	162	135	5	4	151	121	6	4	163	115	6	8	179	113	5	5
Art, School of	144	108	64	30	155	107	50	26	158	113	37	28	156	103	45	28	161	92	51	31
Arts	1,947	1,427	587	440	1,796	1,246	534	366	1,174	827	391	287	1,143	784	421	271	1,262	791	373	235
Continuing Education	135	177	272	174	162	257	277	203	187	254	315	247	159	186	373	239	171	202	449	247
Dentistry																				
Dentistry	35	64			40	57			39	57			43	55			42	52		
B.Sc. (Dentistry)	1	3			1	4			5	3			1	2			4	3		
Dental Hygiene	53				50				50	1			49	3			51	3		
Education[2,3]	1,009	387	325	104	987	384	239	95	811	303	211	115	572	240	201	76	452	200	313	94
Engineering	259	989	24	129	252	959	34	158	222	812	35	152	200	727	27	139	195	707	25	129
Human Ecology[3]	423	42	83	7	356	35	67	7	263	19	55	7	208	12	44	5	190	10	36	3
Law	128	146	3	4	131	140	5		139	135		6	134	138	6	1	132	132	5	4
Management	435	629	90	128	484	642	87	116	490	627	94	126	514	638	98	121	508	650	133	157
Medicine																				
Medicine	101	188			109	195			112	190			107	196			123	185		
B.Sc. (Medicine)	8	23			10	15			8	21			9	17			8	21		
Medical Rehabilitation	130	50	5		128	54	2		135	46	8	3	142	37	15	2	147	31	4	
Music[3]	84	56	12	5	80	44	14	9	95	48	11	6	106	42	11	7	94	36	13	11
Nursing	401	65	292	25	404	59	293	29	361	58	301	25	346	63	320	36	557	86	273	40
Pharmacy	110	87	2	2	120	75		1	124	65	3	3	132	58	2	3	131	60	3	1
Phys Ed & Rec Studies	215	140	46	23	202	136	46	37	161	91	30	32	170	98	29	23	172	120	35	21
Science	1,252	1,595	185	278	1,220	1,537	159	257	836	1,038	142	249	785	1,060	158	230	861	1,056	154	253
Social Work	255	54	98	22	244	50	95	27	297	51	100	29	280	50	84	15	303	44	109	20
University I[4]									1,483	1,253	111	92	1,817	1,478	263	233	2,011	1,623	284	249
Subtotal (excluding Distance Ed)	**7,568**	**6,697**	**2,126**	**1,420**	**7,390**	**6,496**	**1,935**	**1,373**	**7,544**	**6,468**	**1,873**	**1,451**	**7,449**	**6,395**	**2,128**	**1,483**	**7,935**	**6,469**	**2,291**	**1,536**

Table 1.5.1 cont. . .	1996/97				1997/98				1998/99				1999/00				2000/01			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																				
Distance Education[5]			424	334			430	293			445	294			430	269			477	292
Subtotal (incl. Distance Ed[5])	**7,568**	**6,697**	**2,550**	**1,754**	**7,390**	**6,496**	**2,365**	**1,666**	**7,544**	**6,468**	**2,318**	**1,745**	**7,449**	**6,395**	**2,558**	**1,752**	**7,935**	**6,469**	**2,768**	**1,828**
Total Full and Part time	**14,265**		**4,304**		**13,886**		**4,031**		**14,012**		**4,063**		**13,844**		**4,310**		**14,404**		**4,596**	
Total	**18,569**				**17,917**				**18,075**				**18,154**				**19,000**			

Notes:

1. Excludes pre-master's students. Pre-master's students are included in Graduate Studies.
2. A new 2-year after-degree program was introduced in 1999-2000. Students who entered under the 4-year program have until 2003 to complete the program.
3. Enrollment in the integrated B. Human Ecology/B. Education program is reflected in Education for Years 2 through 5. Enrollment in the integrated B. Music/B. Education program is reflected in Music for Years 2 and 3 and in Education for Years 4 and 5. Enrollment in the integrated programs for 2001-2002 is reflected in Human Ecology (B. Human Ecology/B. Education) and Music (B. Music/B. Education) for Years 3 and 4 and in Education for Year 5.
4. University I program was introduced in 1998. Most "new" students, with limited or no university experience have registered under this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.
5. Distance Education includes only those students taking *all* of their courses through a distance mode of delivery. Students taking a combination of on-campus and distance courses are included under their faculty of registration.

Table 1.5.1 cont. . .

	1996/97				1997/98				1998/99				1999/00				2000/01			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg																				
Arts	1,571	1,110	725	446	1,537	1,010	697	457	1,466	930	634	420	1,291	731	548	338	1,110	683	586	304
Education	286	90	42	16	263	76	39	15	275	77	48	20	429	116	44	24	490	130	58	30
Science	555	520	115	133	515	484	116	124	487	428	103	107	460	332	123	96	379	263	107	89
Other [1]	257	174	255	153	274	169	237	121	333	178	263	162	521	374	428	245	823	510	480	308
Subtotal	**2,669**	**1,894**	**1,137**	**748**	**2,589**	**1,739**	**1,089**	**717**	**2,561**	**1,613**	**1,048**	**709**	**2,701**	**1,553**	**1,143**	**703**	**2,802**	**1,586**	**1,231**	**731**
Total Full and Part time	**4,563**		**1,885**		**4,328**		**1,806**		**4,174**		**1,757**		**4,254**		**1,846**		**4388**		**1,962**	
Total	**6,448**				**6,134**				**5,931**				**6,100**				**6,350**			

Note:
1. "Other" includes the students who have not declared a major.

Table 1.5.1 cont. . . .

	1996/97				1997/98				1998/99				1999/00				2000/01			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University																				
Arts	344	229	145	114	333	230	147	105	317	199	150	85	355	207	173	96	334	226	169	112
Science	301	242	117	78	248	199	90	70	247	199	80	61	247	177	80	71	251	187	109	49
Education	396	155	214	72	288	105	194	62	270	77	217	92	273	85	193	60	272	64	236	65
Music	64	38	3	2	64	34	10	5	59	31	10	5	58	31	7	6	62	21	8	6
General Studies	70	69	60	42	84	76	54	36	74	82	68	41	89	84	91	54	123	122	94	73
Health Studies					54	7	28	1	53	4	39	6	63	8	72	9	68	16	62	9
First Nations Aboriginal Counseling									4	1	12	4	21	4	5		28	8	7	5
Non-faculty [1]			2	1																
Subtotal	**1,175**	**733**	**541**	**309**	**1,071**	**651**	**523**	**279**	**1,024**	**593**	**576**	**294**	**1,106**	**596**	**621**	**296**	**1,138**	**644**	**685**	**319**
Total Full and Part time	**1,908**		**850**		**1,722**		**802**		**1,617**		**870**		**1,702**		**917**		**1,782**		**1004**	
Total	**2,758**				**2,524**				**2,487**				**2,619**				**2,786**			

Note:
1. Non faculty students have not registered in a faculty as of November 1st in that year.

Table 1.5.1 con't...	1996/97				1997/98				1998/99				1999/00				2000/01			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège universitaire de Saint-Boniface																				
Arts	100	47	66	34	98	49	58	28	56	27	57	21	64	30	57	27	79	32	77	31
Adminstration des Affaires (Business Administration)													5	7		1	5	6		2
Science	50	32	18	8	37	27	16	11	28	14	16	9	24	15	6	4	27	14	7	4
Éducation	86	21	30	12	60	16	34	10	68	18	38	10	64	17	33	10	46	15	30	9
Université 1[1]									57	31	10	3	87	36	28	11	111	52	25	11
Éducation permanente (Continuing Education)[2]	6	5	5	2	1	2	11	5	2	1	11	10		1	17	5			11	4
Étudiants de UofM (U of M Students)[3]	1		14	6		2	16	2			12	8	1	1	39	32	1		35	18
Subtotal	**243**	**105**	**133**	**62**	**196**	**96**	**135**	**56**	**211**	**91**	**144**	**61**	**245**	**107**	**180**	**90**	**269**	**119**	**185**	**79**
Total Full and Part time	**348**		**195**		**292**		**191**		**302**		**205**		**352**		**270**		**388**		**264**	
Total	**543**				**483**				**507**				**622**				**652**			

Notes:

1. University I program was introduced in 1998. Most "new" students, with limited or no university experience have registered under this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.
2. These students are taking courses at the university level but are not seeking a credential.
3. These are UM students taking courses at CUSB.

1.5.2 Undergraduate Enrollment by University and Faculty/School – Spring/ Summer Session

- **University of Manitoba**

Consistent with the trend for total undergraduate enrollment, UM's enrollment for spring and summer session, as found in Table 1.5.2, showed a decrease of 272 students (4.7%) between 1996 and 1997, followed by increases each year between 1997 and 2000. Overall, UM's enrollment increased by 398 students or 6.8%.

Part-time study comprised almost all or 96.8% of total spring and summer session enrollment in 2000. Enrollment in full-time study however, increased by 40 students (25.6%) between 1997 and 2000.

Analysis of data by faculty for spring and summer session shows similar trends to that of regular session. Over time, there were enrollment decreases in Human Ecology (60.7%), Arts (36.5%), Agriculture (34.2%), Education (32.1%), and Science (5.1%), as well as increases in Social Work (71%), Music (57.1%), Nursing (49.4%), Management (15.3%) and Continuing Education (13.7%). As noted earlier, with the introduction of University 1 in 1998, enrollments for spring and summer session began to rise dramatically, thereby accounting for the decreased enrollments in the faculties above.

- **University of Winnipeg**

As Table 1.5.2 shows, spring and summer session enrollment at UW fluctuated between 1996 and 2000, resulting in an overall decrease of 125 students or 7.2%. Consistent with the UW regular session enrollment trends, the faculties of Arts and Science had decreased enrollments of 499 students (41.4%) and 96 students (29.2%) respectively, while Education increased by 20 students (12.4%) over the five years. Enrollment of the "Other" students who had not declared a major, rose over time which accounted for the declining enrollments in the faculties above.

- **Brandon University**

BU does not offer full-time spring and summer session programming, as noted in Table 1.5.2. In contrast with BU's increasing regular session enrollment trend, spring and summer session enrollment steadily declined by 222 students (17.8%) between 1996 and 2000. This was largely due to a smaller number of spring and summer courses being offered on an annual basis.

Analysis by faculty for spring and summer session shows a consistent pattern with regular session enrollment with decreases in Education (283 students or 35.2%), Arts (102 students or 43%), and Science (35 students or 31.5%). On the other hand, there were large enrollment increases in the Bachelor of General Studies Program, the School of Health Studies, and the First Nations Aboriginal Counseling Program.

- **Collège universitaire de Saint-Boniface**

CUSB, like BU does not offer spring and summer session programming on a full-time basis. Spring and summer session enrollment at CUSB followed the general undergraduate enrollment pattern by decreasing each year between 1996 and 1998, followed by increases over the next two years, which was largely due to the enrollment increase in Éducation permanente (Continuing Education) and the introduction of University 1.

Overall, CUSB's spring and summer session enrollment increased by 2.2%, which was consistent with its regular session enrollment pattern. While enrollment in Arts and Science fluctuated, enrollment in Education declined by 27 students (38.6%) over the five years – a pattern consistent with CUSB's regular session enrollment in Education.

Table 1.5.2 - Undergraduate Enrollment by University and Faculty/School – Spring/Summer Session

Faculty by University		Academic Year 1996 – 2000									
		1996		1997		1998		1999		2000	
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
University of Manitoba											
	Agricultural & Food Sciences (Degree)		73	3	76	1	65		54	1	47
	Architecture		63		48		53	1	67		20
	Art, School of		63	1	61		79		74		85
	Arts		1,289	35	1,023	32	1,058	23	802	21	797
	Continuing Education		629	8	560	11	533	10	682	23	692
	Dentistry (Dental Hygiene)								3		1
	Education		909	8	824	19	798	7	753	5	612
	Engineering		403	1	452		464	1	419		420
	Human Ecology		275	3	225	5	193		144		108
	Law		1		5		1		1		6
	Management		379	9	394	14	380	9	400	5	432
	Medicine (Medical Rehabilitation)		112		113		144		145		141
	Music		35	1	73		51		62	2	53
	Nursing		322		335	2	374		403	9	472
	Pharmacy		48		40		38		21		19
	Phys Ed & Rec Studies		126		128		127		111		122
	Science		939	63	912	54	950	67	712	69	822
	Social Work		158	24	127	40	166	32	197	37	233
	University I[1]						11	9	707	24	944
	Subtotal	**0**	**5,824**	**156**	**5,396**	**178**	**5,485**	**159**	**5,757**	**196**	**6,026**
Total		**5,824**		**5,552**		**5,663**		**5,916**		**6,222**	

Note:
1. University I program was introduced in 1998. Most "new" students, with limited or no university experience have registered under this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.

Table 1.5.2 con't...		1996		1997		1998		1999		2000	
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
University of Winnipeg											
	Arts	32	1,173	20	904	8	660	6	704	9	697
	Education	5	156		143		83	4	167	2	179
	Science	2	327	2	285	2	209	2	229	2	231
	Other[1]		40	3	216	3	659	1	394	4	486
	Subtotal	**39**	**1,696**	**25**	**1,548**	**13**	**1,611**	**13**	**1,494**	**17**	**1,593**
Total		**1,735**		**1,573**		**1,624**		**1,507**		**1,610**	

Note:
1. "Other" category includes those students who have not declared a major.

Table 1.5.2 con't...	1996		1997		1998		1999		2000	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Brandon University										
Arts		237		220		133		199		135
Science		111		113		87		94		76
Education		804		790		732		595		521
Music		20		20		7		12		4
General Studies		76		89		102		144		200
Health Studies						29		39		56
First Nations Aboriginal Counseling						5		11		32
Non-faculty										2
Subtotal	**0**	**1,248**	**0**	**1,232**	**0**	**1,095**	**0**	**1,094**	**0**	**1,026**
Total	**1,248**		**1,232**		**1,095**		**1,094**		**1,026**	

Note:
- Spring and Summer Session courses are not offered on a full-time basis.

Table 1.5.2 con't...	1996		1997		1998		1999		2000	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Collège universitaire de Saint-Boniface										
Arts		52		55		44		36		54
Adminstration des Affaires (Business Administration)										5
Science		15		11		17		9		10
Éducation		70		40		35		50		43
Université 1[1]								6		23
Éducation permanente (Continuing Education)[2]				3		6		18		2
Étudiants de Uof M (U of M Students)[3]				3		4		3		3
Subtotal	**0**	**137**	**0**	**112**	**0**	**106**	**0**	**122**	**0**	**140**
Total	**137**		**112**		**106**		**122**		**140**	

Notes:
- Spring/Summer Session courses are not offered on a full-time basis.
1. University I program was introduced in 1998. Most "new" students, with limited or no university experience have registered under this program. Faculties/schools that had previously accepted "new" students will show an enrollment drop for 1998.
2. These students are taking courses at the university level but are not seeking a credential.
3. These are UM students taking courses at CUSB.

1.6 Undergraduate Credit Hours

Credit hours are defined as the hours of weight associated with a course indicating the relative weight of the course in a program of study. Total credit hours are the sum of all credit hours taught by faculty. As the data indicate, credit hours at each institution generally follow the same trend as enrollment.

1.6.1 Undergraduate Credit Hours by University and Faculty/School – Regular Session

Between 1996/97 and 2000/01 the total number of undergraduate credit hours for regular session increased by 1,264 or .2%. Although there were some variations among the universities over these years, the pattern of total credit hours by year followed the same general trend as that of total undergraduate enrollment with decreases in the first two years, followed by increases each year between 1998/99 and 2000/01.

- **University of Manitoba**

As Table 1.6.1 shows, the total undergraduate credit hours for regular session at UM fluctuated between 1996/97 and 2000/01, beginning with a decrease in the first year of 13,857 credit hours (3.2%), followed by an increase of 15,269 (3.7%) over the next three years. Overall, there was a modest increase of 1,412 (.3%) in UM's credit hours between 1996/97 and 2000/01.

Consistent with UM data on undergraduate enrollment by faculty (Table 1.5.1), those faculties/schools with the largest enrollment decreases also had large decreases in credit hours over the five-year period. These include Engineering (20.9%), Human Ecology (18.2%), Education (15.4%), and, to a lesser extent Music (7.5%), Agriculture and Food Sciences (7.3%), and Physical Education and Recreation Studies (7%).

As mentioned in the previous section, the implementation of University 1[2] in the late 1990's accounts for the drop in credit hours among the faculties noted above.

Similarly, those faculties/schools with higher enrollment increases between 1996/97 and 2000/01 also had the highest increases in credit hours over the same time period. These include Management (20.8%) and Social Work (12%). The Faculty of Nursing showed the largest change in credit hours over time – from 11,108 in 1996/97 to 20,581 in 2000/01 – an overall increase of 9,473 credit hours or 85.3%.

[2] The University 1 curriculum includes: six Faculty of Arts courses, six Faculty of Science courses, six credit courses offered by either Faculty, and 12 credit hours from any faculty or school offering courses to University 1 students, including additional Arts and Science courses, for a total of 30 credit hours. Source: University of Manitoba Undergraduate Calendar.

- **University of Winnipeg**

The total undergraduate credit hours for regular session, as shown in Table 1.6.1. decreased overall at UW by 1,224 (1%) between 1996/97 and 2000/01. On a year-over-year basis, there was a decrease in total credit hours of 6,240 (5%) between 1996/97 and 1997/98 and a further drop of 3,254 (2.7%) credit hours between 1997/98 and 1998/99. The total credit hours then rebounded with increases of 3,825 (3.3%) in 1990/00 and 4,445 (3.7%) in the following year.

Consistent with UW's undergraduate enrollment data by faculty, there was an overall decrease in credit hours in the faculties of Arts (8,600 or 10.1%) and Science (2,367 or 6.7%) between 1996/97 and 2000/01. Conversely, the number of credit hours in Education more than tripled over the five-year period which, as mentioned previously was due to the changes taking place in UW's Education programs during that time.

Credit hours also increased at Menno Simons College with the implementation of the International Development Studies and Conflict Resolution Studies Programs that are fully integrated into the UW curriculum[3].

- **Brandon University**

As Table 1.6.1 shows, BU's undergraduate credit hours for regular session decreased by 454 (.83%) between 1996/97 and 2000/01. The overall trend in credit hours over this time period was similar to that of BU's undergraduate enrollment with decreases of 3,092 (5.7%) in 1997/98 and 2,081 (4.1%) in 1998/99. This was followed by a small credit hour increase in the next year, and an increase of 4,692 (9.6%) in the following year.

BU's credit hours by faculty show a decrease in Music (29.1%), Science (8.6%) and Education (5.2%) over the five years. The credit hours in Health Studies more than doubled over this same time period. Also, credit hours in the First Nations Aboriginal Counseling Program almost doubled in three years. Credit hours in Arts increased overall by 4.6%.

- **Collège universitaire de Saint-Boniface**

Consistent with CUSB's increasing undergraduate enrollment in regular session over time, total credit hours increased by 1,530 or 15% between 1996/97 and 2000/01. CUSB's changes in credit hours followed the same general pattern as enrollment with an increase every year over the five-year period, with the exception of 1997/98 where credit hours decreased by 1,329 or 13%. Credit hours decreased over time in the faculties of Arts (19.3%), Science (52.1%) and Education (37.5%) due to the introduction of University 1 in 1998/99.

[3] Source – University of Winnipeg General Calendar

Table 1.6.1 - Undergraduate Credit Hours by University and Faculty/School – Regular Session

University by Faculty/School		Academic Year 1996/97 – 2000/01				
		1996/97	1997/98	1998/99[2]	1999/00	2000/01
University of Manitoba[1]						
Agricultural & Food Sciences	Agriculture Diploma[3]	5,907	7,511	7,896	7,080	5,466
	Agribusiness & Agri. Economics	1,137	1,545	1,551	1,485	1,191
	Animal Science	1,149	1,221	1,149	945	933
	Bio-systems Engineering	803	979	1,049	1,118	1,000
	Entomology	546	339	219	279	315
	Food Science	843	762	714	522	606
	General Agriculture	1,592	1,785	1,893	1,819	1,501
	Plant Science	1,611	1,614	1,629	1,704	1,605
	Soil Science	945	990	1,146	960	861
	Subtotal	**14,533**	**16,746**	**17,246**	**15,912**	**13,478**
Architecture	Architecture	201	57	243	426	372
	City Planning	3	18	30	51	24
	Environmental Design[4]	5,620	5,586	5,331	5,549	8,145
	Interior Design[4]	4,041	4,003	3,721	3,684	1,504
	Landscape Architecture	78	129	108	120	69
	Subtotal	**9,943**	**9,793**	**9,433**	**9,830**	**10,114**
School of Art		**7,884**	**7,724**	**8,151**	**8,214**	**8,279**
Arts	Anthropology	6,717	6,417	5,769	5,556	5,769
	Asian Studies	1,182	1,059	1,200	1,395	1,506
	Canadian Studies	0	0	0	78	195
	Classics	2,115	1,674	2,442	2,004	2,382
	Economics	11,388	10,671	10,935	11,280	11,613
	English	13,620	11,760	13,884	13,107	14,019
	Film Studies	2,115	1,797	2,067	1,764	1,974
	French, Spanish & Italian	5,079	4,347	4,740	5,238	5,184
	Geography	9,591	8,736	7,530	8,067	8,418
	German	714	564	594	636	456
	History	9,648	9,243	7,926	9,234	9,249
	Icelandic Studies	81	108	135	117	156
	Interdisciplinary[5]	1,137	1,443	1,377	2,775	3,885
	Labour and Workplace Studies	546	438	363	384	378
	Linguistics	1,560	1,332	1,221	1,632	1,665
	Native Studies	3,351	3,825	3,933	3,381	3,690
	Near Eastern & Judaic Studies	126	60	66	78	48
	Philosophy	8,778	9,048	10,722	11,133	11,133
	Political Studies	5,490	5,148	4,911	4,227	4,533
	Psychology	29,295	27,810	28,326	27,846	28,530
	Religion	3,822	4,467	4,065	4,335	4,668

Table 1.6.1 con't...		1996/97	1997/98	1998/99[2]	1999/00	2000/01
University of Manitoba[1]						
Arts con't...	Slavic Studies	573	243	504	501	459
	Sociology	17,097	15,639	14,877	14,712	15,234
	Theatre Studies	1,053	966	993	960	912
	Women's Studies	1,014	1,122	1,326	1,404	1,089
	Subtotal	**136,092**	**127,917**	**129,906**	**131,844**	**137,145**
Dentistry	Dental Hygiene	1,799	1,700	1,762	1,796	1,824
	Dental Diagnostic & Surgical Sciences	4,134	4,002	3,978	4,068	3,474
	Dentistry	462	414	432	606	534
	Oral Biology	1,770	1,788	1,596	1,596	1,632
	Restorative Dentistry	2,070	2,094	1,998	1,998	2,412
	Subtotal	**10,235**	**9,998**	**9,766**	**10,064**	**9,876**
Education[6]	Curriculum, Teaching & Learning[7]	17,187	17,733	16,686	14,092	14,871
	Educational Admin, Foundations & Psychology	6,225	6,573	6,327	5,331	4,947
	Subtotal	**23,412**	**24,306**	**23,013**	**19,423**	**19,818**
Engineering	Civil Engineering	9,018	7,668	5,224	4,300	3,722
	Electrical & Computer Engineering	11,132	11,002	9,786	8,677	8,172
	Engineering[8]	0	0	3,203	4,378	4,719
	Mechanical & Industrial Engineering	9,777	9,005	7,328	7,314	7,069
	Subtotal	**29,927**	**27,675**	**25,541**	**24,669**	**23,682**
Human Ecology	Core Human Ecology	1,344	1,521	690	558	771
	Clothing & Textiles	1,245	978	822	708	852
	Family Studies	2,946	2,592	2,556	2,595	2,469
	Foods & Nutrition	3,375	2,802	3,096	2,961	3,192
	Subtotal	**8,910**	**7,893**	**7,164**	**6,822**	**7,284**
Law		**9,179**	**9,249**	**9,309**	**9,274**	**9,048**
Management	Accounting & Finance	10,290	10,980	11,535	12,603	12,516
	Actuarial Science[9]	3,303	525	564	807	771
	Business Administration[9]	9,735	12,516	13,686	13,716	15,033
	Interdisciplinary	21	6	6	12	15
	Marketing	4,854	5,118	4,902	5,079	5,733
	Subtotal	**28,203**	**29,145**	**30,693**	**32,217**	**34,068**
Medicine	Human Anatomy & Cell Science	153	147	150	144	147
	Biochemistry and Medical Genetics[10]	150	108	126	126	198
	Medical Rehabilitation	7,227	7,265	7,430	7,369	7,280
	Pharmacology & Therapeutics	288	270	318	354	372
	Physiology	444	441	426	291	384
	Subtotal	**8,262**	**8,231**	**8,450**	**8,284**	**8,381**

Table 1.6.1 con't...		1996/97	1997/98	1998/99[2]	1999/00	2000/01
University of Manitoba[1]						
Music		**4,403**	**3,931**	**4,474**	**4,821**	**4,071**
Natural Resources Institute		**57**	**39**	**0**	**0**	**0**
Nursing		**11,108**	**11,228**	**12,218**	**13,111**	**20,581**
Pharmacy		**4,574**	**4,531**	**4,333**	**4,808**	**4,412**
Physical Ed. & Recreation Studies	Physical Education	5,599	5,406	4,874	4,968	5,370
	Recreation Studies	2,850	2,529	2,466	2,538	2,484
	Subtotal	**8,449**	**7,935**	**7,340**	**7,506**	**7,854**
Science	Biological Sciences	11,040	8,928	9,141	9,303	10,458
	Botany	3,603	3,396	3,222	2,349	2,409
	Chemistry	14,055	13,344	13,131	12,402	11,142
	Computer Science	17,709	18,066	18,534	16,155	16,476
	Environmental Science[11]		747	726	1,281	2,013
	Geological Sciences	5,555	5,248	5,331	5,551	5,280
	Mathematics[12]	24,640	22,053	22,562	22,141	21,946
	Microbiology	6,576	6,126	6,054	6,399	6,732
	Physics & Astronomy	6,996	7,602	7,179	6,414	6,345
	Statistics	8,664	9,447	10,920	12,384	12,900
	Zoology	6,852	6,480	6,354	6,372	7,458
	Subtotal	**105,690**	**101,437**	**103,154**	**100,751**	**103,159**
Social Work		**8,529**	**7,755**	**9,639**	**8,688**	**9,552**
Total		**429,390**	**415,533**	**419,830**	**416,238**	**430,802**

Notes:
- Undergraduate Student Credit Hours are the hours of weight associated with a course indicating the relative weight of the course in the program of studies. There is often a correlation between lecture class hours and hours of credit; for example, a full course carrying 6 hours of credit may entail 3 hours of lectures per week, both terms.

1. This report includes (a) distance education credit hours; (b) all courses taught off-campus with stipend from other than faculty or school resources; (c) courses taught "on-load" – taught during the summer session but considered part of the regular session for load unit purposes
2. University 1 was introduced in 1998/99.
3. Agriculture Diploma credit hours are reported at December 1st for 1996/97 to include 1st year electives.
4. Program revised in 2000/01. Admission to Interior Design ended and students must now enter Environmental Design to do a foundation program. Therefore, 2000/01 is not comparable to previous years.
5. Increase due largely to the course Introduction to University.
6. Credit hours in 1999/00 reflect Education's transition to a 2-year after-degree program from a 4-year direct entry program.
7. The departments of Curriculum: Humanities & Social Sciences and Curriculum: Mathematics & Natural Sciences merged on July 1999 to become the Department of Curriculum, Teaching & Learning.
8. Department of Engineering new in 1998-99.
9. The departments of Business Administration and Actuarial and Management Sciences were merged in January 1997 into Business Administration.
10. The departments of Biochemistry, Molecular Biology and Human Genetics merged into the Department of Biochemistry and Medical Genetics in 2000/01.
11. In the Faculty of Science, the interdepartmental program Environmental Science was identified separately beginning in 1997/1998. As a result, departments that formerly listed courses under their department may show a drop in credit hours.
12. The departments of Applied Mathematics, Mathematics and Introduction to Mathematical Sciences were merged into the Department of Mathematics in 2000/01.

Table 1.6.1 con't...		1996/97	1997/98	1998/99	1999/00	2000/01
University of Winnipeg						
Arts	Aboriginal Language Courses	0	0	0	210	144
	Administrative Studies	3,297	1,863	2,814	2,882	2,837
	Anthropology	3,246	3,102	2,229	2,154	2,307
	Centre for Academic Writing	3,942	3,408	4,115	4,213	4,612
	Classics	1,551	1,791	1,695	2,016	1,911
	Developmental Studies	297	195	108	93	132
	Economics	4,605	3,786	3,174	2,595	2,865
	English	7,089	6,771	7,515	7,836	8,379
	French Studies	2,010	2,136	1,713	1,725	1,881
	German Studies	381	393	288	237	249
	History	8,883	8,253	8,571	8,889	9,243
	Justice & Law Enforcement	1,017	1,782	1,911	1,977	1,644
	Mennonite Studies	66	57	66	60	57
	Multidisciplinary	42				
	Music	738	864	1,327	1,043	565
	Philosophy	4,731	4,548	3,765	3,564	4,179
	Physical Activity and Sports Studies	3,087	3,129	3,429	3,860	4,144
	Politics	5,760	5,484	4,374	4,521	3,813
	Psychology	16,143	14,565	12,465	11,172	11,292
	Religious Studies	2,661	2,838	3,027	2,898	2,661
	Sociology	11,400	10,149	9,876	9,027	8,775
	Theatre and Drama	3,273	3,300	3,405	3,456	3,599
	Theatre and Drama – Dance	0	0	117	351	405
	Women's Studies	846	843	804	777	771
	Subtotal	**85,065**	**79,257**	**76,788**	**75,556**	**76,465**
Science	Biology	8,544	8,997	8,436	8,427	8,889
	Business Computing	2,817	2,934	3,066	2,928	2,691
	Chemistry	6,042	5,583	5,115	4,968	4,308
	Environmental/Urban Studies	573	471	639	612	822
	Geography	5,748	4,755	5,244	5,781	6,243
	Physics	4,632	4,104	3,798	4,050	4,275
	Statistics	1,788	1,584	1,761	1,395	1,401
	Mathematics	5,346	4,596	4,293	4,341	4,494
	Subtotal	**35,490**	**33,024**	**32,352**	**32,502**	**33,123**
Education		**3,069**	**2,841**	**3,241**	**7,494**	**9,543**
Menno Simons College[1]	Menno Simons	1,806	2,469	-	-	-
	Conflict Resolution Studies	-	-	2,757	3,294	4,028
	International Development Studies	-	1,599	798	915	1,047
	Subtotal	**1,806**	**4,068**	**3,555**	**4,209**	**5,075**
Total		**125,430**	**119,190**	**115,936**	**119,761**	**124,206**

Notes:
- Between 1996 and 1997 UW changed Intersession, Spring and Summer terms into a third term or "Spring Term".
1. Menno Simons College (MSC) coordinates two programs that are fully integrated into the UW curriculum: International Development Studies and Conflict Resolution Studies. Degrees granted in these programs are UW degrees, and students register for MSC courses/majors through the University.

Table 1.6.1 con't...		1996/97	1997/98	1998/99	1999/00	2000/01
Brandon University						
Arts	Anthropology	417	57	399	255	486
	Business Administration	2,694	2,673	2,805	2,990	3,057
	Economics	1,194	864	804	945	825
	English	2,457	2,400	2,652	2,808	3,264
	Fine Arts	351	699	573	543	567
	History	1,959	1,785	1,734	1,794	2,163
	Classical & Modern Languages	867	924	1,035	1,113	1,056
	Music (Arts)		410	230	135	237
	Native Studies	2,118	2,319	2,274	1,968	2,181
	Philosophy	1,182	1,176	1,251	1,179	1,122
	Political Science	990	981	744	738	879
	Religion	1,647	1,701	1,506	1,191	1,314
	Sociology	3,591	3,612	3,258	3,207	3,315
	Non-departmental	174	57	141	51	69
	Subtotal	**19,641**	**19,658**	**19,406**	**18,917**	**20,535**
Science	Botany	1,359	1,269	1,185	1,110	1,632
	Chemistry	1,623	1,500	1,470	1,203	1,065
	Geography	2,055	1,674	1,662	1,815	1,905
	Geology	1,071	1,158	1,113	906	1,122
	Math & Computer Science	4,362	4,179	4,221	4,230	4,008
	Physics	1,521	1,134	1,086	1,269	1,134
	Psychology	5,373	5,043	4,461	4,839	4,947
	Zoology	2,097	1,821	1,842	1,989	1,965
	Subtotal	**19,461**	**17,778**	**17,040**	**17,361**	**17,778**
Education	Administration/Educational Services	2,691	2,226	2,328	2,184	2,781
	Humanities	2,421	2,046	1,956	2,007	2,106
	Math/Science	2,028	2,223	1,734	2,016	2,292
	Foundations	2,127	1,860	1,056	918	1,611
	Phys. Ed. / Recreation	1,447	1,358	1,205	1,179	1,381
	Music	18				
	Subtotal	**10,732**	**9,713**	**8,279**	**8,304**	**10,171**
Music	Music	2,986	2,821	2,683	2,312	2,397
	Music (Arts)	395				
	Subtotal	**3,381**	**2,821**	**2,683**	**2,312**	**2,397**
Health Studies		**1,058**	**1,211**	**1,407**	**1,975**	**2,377**
First Nations Aboriginal Counseling (FNAC)		**0**	**0**	**285**	**258**	**561**
Total		**54,273**	**51,181**	**49,100**	**49,127**	**53,819**

Notes:
- Credit hours for the General Studies Program are included with Arts and Science.
- Spring/Summer Session courses are not offered on a full-time basis.

Table 1.6.1 con't...	1996/97	1997/98	1998/99	1999/00	2000/01
Collège universitaire de Saint-Boniface					
Arts	4,485	4,341	2,754	3,132	3,621
Adminstration des Affaires (Business Administration)				354	333
Sciences	2,211	1,917	1,155	1,029	1,059
Éducation	3,135	2,310	2,676	2,550	1,959
Université 1[1]			2,553	3,510	4,485
Éducation permanente (Continuing Education) [2]	204	138	156	135	78
Étudiants de UofM (U of M Students)[3]	153	153	99	174	183
Total	**10,188**	**8,859**	**9,393**	**10,884**	**11,718**

Notes:
- Spring and summer session courses are not offered on a full-time basis.
1. Unlike the UM, CUSB's student management system counts all first year arts and science courses as Université 1.
2. These students are taking courses at the university level but are not seeking a credential.
3. These are UM students taking courses at CUSB.

1.6.2 Undergraduate Credit Hours by University and Faculty/School – Spring/ Summer Session

- **University of Manitoba**

As data in Table 1.6.2 show undergraduate credit hours for spring and summer session at UM increased every year between 1996 and 2000, except in 1998 when University 1 was introduced. Overall, there was an increase of 5,427 (13.8%) in credit hours over the five-year period. This trend is consistent with the increase in UM's undergraduate enrollment for spring and summer session over the same time period.

On a faculty-by-faculty basis, the data show that while credit hours dropped in Education (30.9%), Human Ecology (19.7%) and Music (17.6%), there were increases in most faculties including Science (2.3%), Arts (12.2%), Management (30.4%), and Social Work (77.7%). Nursing again showed a significant change in credit hours with more than a three-fold increase (from 1,252 to 4,229) between 1996 and 2000. Additionally, Engineering credit hours increased from 335 in 1996 to 917 in 2000, due to the introduction of a new program in 1999.

- **University of Winnipeg**

Undergraduate spring and summer session credit hours declined each year at UW over the five-year period, except in 2000 where there was an increase of 463 (4.1%) from the previous year, as Table 1.6.2 shows. Overall, UW spring and summer session credit hours declined by 3,040 (20.6%) - a trend consistent with its undergraduate enrollment for spring and summer session.

The data show decreases in credit hours in Arts (31.4%) and Science (9.3%), as well as an increase of 197 (31.3%) in Education. This trend is consistent with UW's spring and summer session enrollments and regular session credit hours in these faculties. Credit hours also increased at Menno Simons College due to implementation of two programs.

- **Brandon University**

Table 1.6.2 shows that between 1996 and 2000, BU's spring and summer session credit hours decreased overall by 578 (8.7%) due to fewer spring and summer session courses being offered annually. This trend is consistent with BU's declining spring and summer session enrollment over the same time period.

There were credit hour decreases in Arts (26.8%) and Education (4.7%), and a increase in Science (8.5%). Consistent with BU's spring and summer session enrollment, there were large credit hour increases in Health Studies and in the First Nations Aboriginal Counseling Program.

- **Collège universitaire de Saint-Boniface**

Over the five-year period, Table 1.6.2 shows that spring and summer session credit hours fluctuated at CUSB – resulting in an overall decrease of 36 credit hours (10.4%). There were decreases in the first two years, followed by an increase of 114 credit hours (53.5%) in 1999 due to a sudden rise in credit hours in Éducation permanente (Continuing Education). Credit hours also increased significantly in Arts in 2000. Consistent with the trend in CUSB's regular session credit hours and enrollment, summer session credit hours in Education declined by 81 credit hours (39.7%) over the five-year period.

Table 1.6.2 - Undergraduate Credit Hours by University and Faculty/School – Spring/Summer Session

University by Faculty/School		Academic Year 1996/97 – 2000/01				
		1996	1997	1998[2]	1999	2000
University of Manitoba[1,3]						
Agricultural & Food Sciences	Bio-systems Engineering	**0**	**0**	**0**	**2**	**6**
Architecture	Environmental Design[4]	171	102	129	165	
	Interior Design[4]	9				6
	Landscape Architecture	42	24	30	30	18
	Subtotal	**222**	**126**	**159**	**195**	**24**
School of Art		**468**	**330**	**609**	**378**	**432**
Arts	Anthropology	591	612	621	648	645
	Asian Studies	969	903	798	711	1,032
	Classics	339	39	90	309	189
	Economics	1,785	1,818	1,659	1,470	1,329
	English	1,545	1,332	1,398	1,398	1,635
	Film Studies	273	195	318	279	306
	French, Spanish & Italian	678	561	450	732	591
	Geography	1,296	1,782	1,509	1,521	1,851
	History	942	1,134	969	1,002	1,308
	Interdisciplinary				63	105
	Labour & Workplace Studies	84	63	21		
	Native Studies	426	717	804	1,206	822
	Philosophy	468	360	567	819	750
	Political Studies	435	462	465	555	369
	Psychology	3,642	4,302	4,407	4,071	4,119
	Religion	138	696	606	417	576

Table 1.6.2 con't		1996	1997	1998[2]	1999	2000
University of Manitoba[1,3]						
Arts con't...	Slavic Studies	18		30	54	
	Sociology	1,638	1,788	1,212	1,632	1,656
	Theatre Studies					3
	Women's Studies	216	144	177	147	84
	Subtotal	**15,483**	**16,908**	**16,101**	**17,034**	**17,370**
Education[5]	Curriculum, Teaching & Learning[6]	2,565	2,793	2,436	1,938	1,650
	Edu. Admin., Foundations & Psyc.	1,896	1,773	1,890	2,088	1,434
	Subtotal	**4,461**	**4,566**	**4,326**	**4,026**	**3,084**
Engineering	Civil Engineering	132	160	252	25	440
	Electrical & Computer Engineering	48	99	207	33	57
	Engineering[7]				369	376
	Mechanical & Industrial Engineering	155	155	236	41	44
	Subtotal	**335**	**414**	**695**	**468**	**917**
Human Ecology	Core Human Ecology	69	117	222	159	120
	Clothing & Textiles	147	63	66	27	6
	Family Studies	444	414	285	330	309
	Foods & Nutrition	345	309	270	303	372
	Subtotal	**1,005**	**903**	**843**	**819**	**807**
Management	Accounting & Finance	891	954	783	699	798
	Actuarial Science[8]	237	222			
	Business Administration[8]	627	762	1,113	1,293	1,491
	Interdisciplinary	3	87			3
	Marketing	450	684	672	549	588
	Subtotal	**2,208**	**2,709**	**2,568**	**2,541**	**2,880**
Medicine	Medical Rehabilitation	931	751	905	918	849
	Physiology					45
	Subtotal	**931**	**751**	**905**	**918**	**894**
Music		**590**	**564**	**348**	**183**	**486**
Nursing		**1,252**	**1,476**	**1,914**	**2,783**	**4,229**
Physical Education & Recreation Studies	Physical Education	289	311	266	173	363
	Recreation Studies	165	186	294	270	276
	Subtotal	**454**	**497**	**560**	**443**	**639**

Table 1.6.2 con't		1996	1997	1998[2]	1999	2000
University of Manitoba[1,3]						
Science	Biological Sciences	1,419	975	888	1,038	1,122
	Botany	390	402	441	297	366
	Chemistry	1,389	1,377	1,128	1,233	1,113
	Computer Science	2,709	2,601	2,625	2,649	2,802
	Environmental Science[9]			153	165	156
	Geological Sciences	435	795	549	579	495
	Mathematics[10]	2,325	1,944	1,764	1,857	1,791
	Microbiology	99	93	114	357	543
	Physics & Astronomy	363	264	291	285	258
	Statistics	999	843	828	894	1,164
	Zoology	744	849	963	954	1,317
	Subtotal	**10,872**	**10,143**	**9,744**	**10,308**	**11,127**
Social Work		**1,047**	**1,113**	**1,650**	**1,692**	**1,860**
Total		**39,328**	**40,500**	**40,422**	**41,790**	**44,755**

Notes:
- Undergraduate Student Credit Hours are the hours of weight associated with a course indicating the relative weight of the course in a program of study. There is often a correlation between lecture class hours of credit; for example, a full course carrying 6 hours of credit may entail 3 hours of lectures per week, both terms.

1. Off campus data unavailable for 1996.
2. University 1 introduced in 1998/99.
3. Excludes Distance Education credit hours that have a distance location code.
4. The Faculty of Architecture revised its program in 2000/01. Admission to Interior Design ended and students must now enter Environmental Design to do a foundation program. Therefore, 2000/01 is not comparable to previous years.
5. In 1999/00 Education changed to a two-year after-degree program from a four-year direct entry program.
6. The departments of Curriculum: Humanities & Social Sciences and Curriculum: Mathematics & Natural Sciences merged on July 1999 to become the Department of Curriculum, Teaching & Learning.
7. Department of Engineering new in 1998/99.
8. The departments of Business Admin. and Actuarial and Management Sciences merged effective January 1997 into Business Administration.
9. In the Faculty of Science, the interdepartmental program Environmental Science was identified separately beginning in 1997/98. As a result, departments that formerly listed the courses under their department codes may show a drop in credit hours.
10. The departments of Applied Mathematics, Mathematics and Introduction to Mathematical Sciences were merged into the Department of Mathematics in 2000/01.

Table 1.6.2 con't		1996	1997	1998	1999	2000
University of Winnipeg						
Arts	Administrative Studies	876	732	576	391	546
	Anthropology	195	36	216	72	180
	Classics	408	222	228	336	174
	Centre for Academic Writing	501	447	429	453	384
	Developmental Studies				24	
	Economics	1,095	1,023	660	636	549
	English	834	678	816	822	777
	French Studies	60	18	57	24	123
	History	699	468	744	612	1,251
	Justice & Law Enforcement	462	378	270	234	
	Music		27		33	
	Philosophy	1,020	1,032	834	636	300
	Physical Activity and Sports Studies	123	450	276	282	258
	Politics	552	522	417	369	483
	Psychology	1,686	1,275	846	753	879
	Religious Studies	642	531	357	471	438
	Sociology	1,233	987	1,023	867	696
	Theatre and Drama					147
	Women's Studies	108	162	102	69	15
	Subtotal	**10,494**	**8,988**	**7,851**	**7,084**	**7,200**
Science	Biology	852	489	771	525	792
	Business Computing	357	597	819	822	645
	Chemistry	132	210	174	162	78
	Environmental/Urban Studies					75
	Geography	399	267	429	300	291
	Mathematics	996	573	618	477	492
	Physics	72			90	300
	Statistics	327	318	180	231	171
	Subtotal	**3,135**	**2,454**	**2,991**	**2,607**	**2,844**
Education		**630**	**702**	**744**	**804**	**827**
Menno Simons College[1]	Menno Simons	480	588	597		
	Conflict Resolution Studies				552	660
	International Development Studies				189	168
	Subtotal	**480**	**588**	**597**	**741**	**828**
Total		**14,739**	**12,732**	**12,183**	**11,236**	**11,699**

Notes:
- Between 1996 and 1997 UW changed Intersession, Spring and Summer terms into a third term or "Spring Term".
1. Menno Simons College (MSC) coordinates two programs that are fully integrated into the UW curriculum: International Development Studies and Conflict Resolution Studies. Degrees granted in these programs are UW degrees, and students register for MSC courses/majors through the University.

Table 1.6.2 con't		1996	1997	1998	1999	2000
Brandon University						
Arts	Anthropology		24	84	42	150
	Business Administration	27	54	108	3	
	English	402	150	225	243	276
	Fine Arts	231	231	42	66	27
	History	264	324	192	192	207
	Classical & Modern Languages	36	240	24	33	
	Music (Art)			114	84	
	Native Studies	543	681	687	393	396
	Philosophy	45	111			
	Political Science	216	87	36	51	147
	Religion	447	375	405	414	168
	Sociology	189	165	321	525	381
	Non-departmental	204	231	93	222	135
	Subtotal	**2,577**	**2,673**	**2,331**	**2,268**	**1,887**
Science	Botany	87	99	162	87	90
	Chemistry			3		96
	Geography	252	387	351	369	612
	Geology	189	120	180	246	84
	Math & Computer Science	351	363	390	570	615
	Physics	138	144	111	132	
	Psychology	471	525	114		117
	Zoology		84	3	3	
	Subtotal	**1,488**	**1,722**	**1,314**	**1,443**	**1,614**
Education	Administration /Education Studies	378	312	378	240	210
	Humanities	642	465	561	423	633
	Math/Science	483	729	474	429	672
	Foundations	540	498	441	342	346
	Phys Ed /Rec. Studies	317	336	450	339	388
	Subtotal	**2,360**	**2,340**	**2,304**	**1,773**	**2,249**
Music	Music	17	15		2	
	Music (Arts)	174				
	Subtotal	**191**	**15**	**0**	**2**	**0**
Health Studies		**45**	**48**	**42**	**177**	**198**
First Nations Aboriginal Counseling (FNAC)		-	-	-	**30**	**135**
Total		**6,661**	**6,798**	**5,991**	**5,693**	**6,083**

Note:
- Spring and Summer session courses are not offered on a full-time basis.

Table 1.6.2 con't	1996	1997	1998	1999	2000
Collège universitaire de Saint-Boniface					
Arts	108	123	90	75	144
Sciences	6	9	18	3	
Éducation	204	102	75	150	123
Université 1[1]					24
Éducation permanente (Continuing Education)[2]	9	9	18	90	6
Étudiants de U of M (U of M Students)[3]	18	9	12	9	12
Total	**345**	**252**	**213**	**327**	**309**

Notes:
- Spring and Summer session courses are not offered on a full-time basis.
1. All first year arts and science courses are included as Université 1.
2. These students are taking courses at the university level but are not seeking a credential.
3. These are UM students taking courses at CUSB.

1.7 Undergraduate Degrees Granted by Faculty/School

Undergraduate degrees granted are reported on a calendar year, which includes the February, May, and October convocations.

CUSB is an affiliated college of the UM in accordance with subsection 56(1) of the *University of Manitoba Act* and, as such, works through the UM's Senate to confer degrees. Therefore, CUSB students receive a UM degree and are counted in the UM's graduate tables. As a result, CUSB graduates should **not** be added to the UM, UW, and BU data in the total graduate count for Manitoba's universities.

1.7.1 Undergraduate Degrees Granted by University and Faculty/School

- **University of Manitoba**

From 1996 to 2000, as shown in Table 1.7.1, the number of undergraduate degrees granted by faculty at UM had decreased by 11.5% (436 graduates), largely due to enrollment decreases in earlier years. This trend is almost identical to the 11% decline in undergraduate degrees granted by all universities over the same time period (Table 1.4.2). Annually, the number of UM degrees granted decreased in every year but at a decreased rate. Between 1996 and 1997, the number of graduates decreased by 165 (4.4%), but the trend had slowed to an annual decrease of 63 graduates (1.8%) by 2000.

On a faculty-by-faculty basis, there was a decrease in undergraduate degrees granted in several faculties including Arts (26.7%), Human Ecology (22%), Education (21.5%) and Science (13%) between 1996 and 2000. On the other hand, there were increases in undergraduate degrees granted in Pharmacy (50%), Agriculture and Food Sciences (14.1%), Nursing (17.3%) and Social Work (7.7%). The professional faculties of Law, Medicine, Dentistry and Medical Rehabilitation showed almost no change over time.

Analysis by gender shows that over the five-year period, the number of UM undergraduate degrees granted to women decreased by 156 or 7.5%, and to men by 280 or 16.5%. Of the total undergraduate degrees granted in 1996, there were 2,084 (55%) were granted to women and 1,700 (45%) to men. By 2000, the proportion of women receiving degrees had increased to 1,928 (57.6%), while the proportion of men receiving degrees had dropped to 1,420 (42.4%). Again, this trend closely matches that for total undergraduate degrees granted by gender for Manitoba's universities, as discussed in section 1.4.2.

These changing trends by gender over time can also be found in certain faculties. For example, the number of undergraduate degrees granted to women increased in professions such as Law (69%), Management (25%), and Engineering (19%), while the proportion of men receiving degrees in these faculties had dropped over time. Of the total undergraduate degrees granted by gender in 2000, women received 55.7% of the

Law degrees awarded and 48% of Management degrees, while men received 78.6% of all Engineering degrees awarded.

- **University of Winnipeg**

During the 1996 to 2000 period, more students at UW began taking four-year programs as opposed to the three-year programs that had been more common in the early 1990s. The increased move to graduating with a four-year degree resulted in students remaining at the institution for a longer period of time. These factors account for the decreasing graduation rate of 6.9% or 72 graduates at UW during the 1996 to 2000 period, as shown in Table 1.7.1. The data show that the total number of undergraduate degrees granted had declined to 912 in 1999, but had rebounded to 966, or almost 6% in the following year.

The changing trends by gender can also be found at UW. In 1996, women were granted 590 (57%) and men received 448 (43%) of all degrees granted at UW. In 2000, women received 589 (61%) and men 377 (39%) of all undergraduate degrees granted by UW.

Women were granted the majority of degrees in all faculties, with the exception of the Faculty of Science. In 1999 and 2000, men received a slightly higher majority of the Science degrees granted at 50.5% (95 of 188 graduates) in 1999, and 52.2% (107 of 205 graduates) in 2000.

- **Brandon University**

Throughout the period between 1996 and 2000, degrees granted by BU decreased by 15.4% (76 graduates), as found in Table 1.7.1. Annually, there was a small increase between 1996 and 1997 of 6.1% (30 graduates) due to an increase in graduates from Nursing and Education. However, after 1997, the number of graduates decreased steadily on an annual basis.

Consistent with the changing trends by gender at UM and UW, the proportion of all BU degrees conferred to women increased from 63% to 65% between 1996 and 2000, while the proportion of degrees conferred to men decreased from 37% to 35% over the same time period.

- **Collège universitaire de Saint-Boniface**

Between 1996 and 2000, Table 1.7.1 shows that the number of degrees granted to CUSB graduates decreased in all faculties, and overall by 26% (35 graduates), due to the enrollment decreases in the early 1990s.

Of the total number of degrees awarded to CUSB graduates by gender between 1996 and 2000, the number of degrees earned by women increased from 69% to 71%, while the proportion of men receiving degrees from CUSB decreased from 31% to 29%.

Table 1.7.1- Undergraduate Degrees Granted by University and Faculty/School

University by Faculty		Academic Year 1996 - 2000									
		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Agricultural & Food Sciences	Bachelor of Science (Agriculture)	29	47	40	46	37	41	35	31	41	30
	Bachelor of Science (Agribusiness)					6	6	9	19	8	24
	Bachelor of Science (Agroecology)					1	2	11	4	6	6
	Bachelor of Science (Food Science)	12	7	9	5	15	2	8	5	5	3
	Diploma in Agriculture	10	62	12	42	8	48	14	56	12	59
	Diploma in Dairying	1	2								
	Subtotal	**170**		**154**		**166**		**192**		**194**	
Architecture	Bachelor of Environmental Design	21	38	18	27	19	42	15	36	18	29
	Bachelor of Interior Design	31	1	20	5	31	2	24	3	19	3
	Subtotal	**91**		**70**		**94**		**78**		**69**	
School of Art	Bachelor of Fine Arts	17	5	13	6	9	6	7	3	15	7
	Bachelor of Fine Arts (Honours)	19	17	24	17	20	8	18	14	25	19
	Bachelor of Fine Arts (Art History)	1				1				2	
	Bachelor of Fine Arts (Art History, Honours)	1		1	1	1					
	Diploma in Art	2	2	2	1		2	2	1	2	1
	Subtotal	**64**		**65**		**47**		**45**		**71**	
Arts	Baccalauréat ès Arts [1]	26	11	22	6	17	13	17	9	21	12
	Baccalauréat ès Arts (Latin-Philosophie) [1]	3	3	4	1	5	3	2	3	1	3
	Baccalauréat ès Arts (Specialization) [1]			1							
	Baccalauréat ès Arts (Spec. en Traduction) [1]	4	1	2	1	3	1	1		6	1
	Bachelor of Arts	403	308	329	273	291	211	269	221	290	220
	Bachelor of Arts (Advanced)	70	51	72	39	73	40	58	30	64	31
	Bachelor of Arts (Honours)	41	28	41	29	46	20	44	26	26	22
	Bachelor of Arts (Special)							1		1	
	Certificat de Traduction [1]	4	2	2	2	4	1	1	2	2	
	Subtotal	**955**		**824**		**728**		**684**		**700**	
Continuing Education	Diploma in Community Wellness									10	5
	Subtotal	**0**		**0**		**0**		**0**		**15**	
Dental Hygiene	Diploma in Dental Hygiene	25	1	27		24		25		25	1
	Subtotal	**26**		**27**		**24**		**25**		**26**	

Table 1.7.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Dentistry	Bachelor of Science (Dentistry)	2		2	4	3		1	3	2	3
	Doctor of Dental Medicine	11	15	5	20	11	11	8	15	10	16
	Subtotal	**28**		**31**		**25**		**27**		**31**	
Education	Baccalauréat en Éducation [1]	35	13	46	12	20	4	23	5	35	7
	Bachelor of Education	275	126	273	117	268	108	260	111	238	98
	Certificat Postbaccalauréat [1]	8	4	2	4	1		4	2	3	3
	Post-Baccalaureate Certificate	99	39	81	33	80	32	65	22	60	26
	Subtotal	**599**		**568**		**513**		**492**		**470**	
Engineering	Bachelor of Science Engineering (Bio-systems)	3	7	2	2	2	8	5	9	5	5
	Bachelor of Science Engineering (Civil)	16	64	11	32	14	30	11	37	6	27
	Bachelor of Science Engineering (Computer)	3	35	1	21	2	47	1	34	7	42
	Bachelor of Science Engineering (Electrical)	4	32	7	45	6	32	8	39	9	29
	Bachelor of Science Engineering (Geological)	3	4	3	5	6	5	3	3	2	
	Bachelor of Science Engineering (Industrial)	3	8	8	15	11	9	1	8	6	10
	Bachelor of Science Engineering (Mechanical)	4	52	6	63	11	58	12	41	8	49
	Subtotal	**238**		**221**		**241**		**212**		**205**	
Human Ecology	Bachelor of Human Ecology	111	8	136	6	114	11	102	7	86	7
	Subtotal	**119**		**142**		**125**		**109**		**93**	
Law	Bachelor of Laws (LL.B.)	26	50	45	48	33	47	45	46	44	35
	Subtotal	**76**		**93**		**80**		**91**		**79**	
Management	Bachelor of Commerce (Honours)	114	208	122	205	148	212	152	203	153	162
	Certificate in Management	10	16	6	32	5	20	9	14	2	6
	Subtotal	**348**		**365**		**385**		**378**		**323**	
Medical Rehabilitation	Bachelor of Medical Rehabilitation (O.T.)	24	5	24	3	24	5	25	6	26	4
	Bachelor of Medical Rehabilitation (P.T.)	19	12	24	11	16	12	21	12	18	11
	Subtotal	**60**		**62**		**57**		**64**		**59**	
Medicine	Bachelor of Science (Medicine)	11	13	6	20	8	23	10	14	7	20
	Doctor of Medicine	42	34	19	49	23	45	28	42	25	50
	Subtotal	**100**		**94**		**99**		**94**		**102**	

Table 1.7.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Music	Bachelor of Music	6	3	19	6	10	13	12	6	16	4
	Bachelor of Music (Composition)			1	3		1			1	1
	Bachelor of Music (History)			2		2				1	
	Bachelor of Music (Performance)	4	1	3	3	6	1	3	4	10	4
	Subtotal	**14**		**37**		**33**		**25**		**37**	
Nursing	Bachelor of Nursing (2 year)[2]							52	1	62	2
	Bachelor of Nursing (4 year)	158	21	127	10	150	14	103	13	116	30
	Subtotal	**179**		**137**		**164**		**169**		**210**	
Pharmacy	Bachelor of Science (Pharmacy)	20	8	23	26	29	20	30	17	23	19
	Subtotal	**28**		**49**		**49**		**47**		**42**	
Physical Education & Recreation Studies	Bachelor of Exercise & Sport Science										2
	Bachelor of Physical Education	31	37	41	26	36	32	33	35	31	18
	Bachelor of Recreation Studies	24	7	23	10	32	9	19	6	31	8
	Subtotal	**99**		**100**		**109**		**93**		**90**	
Science	Baccalauréat ès Sciences [1]	9	6	7	8	4	3	8	1	2	2
	Baccalauréat ès Sciences (Major) [1]	4	2	1	2			3	1	1	1
	Bachelor of Computer Science (Honours)	13	19	2	29	3	25	5	18	3	23
	Bachelor of Science	87	108	91	105	69	102	76	86	76	84
	Bachelor of Science (Honours)	33	36	30	37	40	36	28	28	28	28
	Bachelor of Science (Major)	75	107	74	102	91	112	81	112	96	90
	Subtotal	**499**		**488**		**485**		**447**		**434**	
Social Work	Bachelor of Social Work	77	14	81	11	69	21	115	24	80	18
	Subtotal	**91**		**92**		**90**		**139**		**98**	
	Subtotal	**2,084**	**1,700**	**1,993**	**1,626**	**1,958**	**1,556**	**1,923**	**1,488**	**1,928**	**1,420**
Total		**3,784**		**3,619**		**3,514**		**3,411**		**3,348**	

Notes:
- The reporting of degrees is based on a calendar year (February, May and October graduands).
1. These are CUSB students.
2. After 1999, the Bachelor of Nursing degree offering consisted of the 2-year Bachelor of Nursing for Registered Nurses program and the 4-year Baccalaureate Nursing program.

Table 1.7.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg											
Arts	Bachelor of Arts	322	282	332	235	298	203	291	183	310	201
	Bachelor of Arts (4 year)	8	8	14	13	13	13	15	13	24	12
	Bachelor of Arts (Honours)	45	29	49	30	60	40	65	37	48	24
	Subtotal	**694**		**673**		**627**		**604**		**619**	
Education	Bachelor of Education [1]	121	41	100	40	104	44	89	30	109	33
	Subtotal	**162**		**140**		**148**		**119**		**142**	
Science	Bachelor of Science	60	50	60	49	60	44	55	66	58	68
	Bachelor of Science (4 year)	34	38	33	28	36	29	38	29	34	38
	Bachelor of Science (Honours)									6	1
	Subtotal	**182**		**170**		**169**		**188**		**205**	
Theology	Bachelor of Theology			1				1			
	Subtotal	**0**		**1**		**0**		**1**		**0**	
	Subtotal	**590**	**448**	**589**	**395**	**571**	**373**	**554**	**358**	**589**	**377**
Total		**1,038**		**984**		**944**		**912**		**966**	

Note:
1. UW Education students have always graduated from UW, including the early 1990s when they took their fourth year at the UM.

Table 1.7.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University											
Arts	Bachelor of Arts (3 year)	48	27	44	29	45	21	41	31	37	23
	Bachelor of Arts (4 year)	3		7		5	7	1	4	4	3
	Bachelor of Arts (Specialized)	7	9	8	8	7	1	10	7	9	7
	Bachelor of Business Admin. (4 year)					2	1	6	4	5	8
	Subtotal	**94**		**96**		**89**		**104**		**96**	
Science	Bachelor of Science (3 year)	29	26	27	19	25	23	25	18	31	23
	Bachelor of Science (4 year)	12	17	11	18	5	11	6	7	8	7
	Bachelor of Science (Specialized)					10	9	9	9	10	9
	Subtotal	**84**		**75**		**83**		**74**		**88**	
Education	Bachelor of Education (4 year)	128	39	145	28	100	31	98	26	83	16
	Bachelor of Education (After Degree)	35	27	34	31	37	26	40	23	33	20
	Bachelor of General Studies (Conc)						1	2			
	Bachelor of Music/Bachelor of Ed.	2	3	10	3	3	2	6	2	2	1
	Subtotal	**234**		**251**		**200**		**197**		**155**	
Music	Bachelor of Music (4 year)	9	4	9	9	13	4	14	6	6	5
	Subtotal	**13**		**18**		**17**		**20**		**11**	
Health Studies	Bachelor of Science Mental Health (2 yr)		2	2		3	1				
	Bachelor of Science Nursing (2 year)	7		23	1	8		6		8	
	Bachelor of Science Psychiatric Nursing (4 year)					7	1	5	2	15	
	Subtotal	**9**		**26**		**20**		**13**		**23**	
General Studies	Bachelor of General Studies	31	28	37	20	25	23	18	21	21	23
	Subtotal	**59**		**57**		**48**		**39**		**44**	
	Subtotal	**311**	**182**	**357**	**166**	**295**	**162**	**287**	**160**	**272**	**145**
Total		**493**		**523**		**457**		**447**		**417**	

Table 1.7.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège universitaire de Saint-Boniface [1]											
Arts	Baccalauréat ès Arts (Bachelor of Arts)	33	15	29	8	25	17	20	12	28	16
	Certificat en Traduction (Certification in Translation)	4	2	2	2	4	1	1	2	2	0
	Subtotal	**54**		**41**		**47**		**35**		**46**	
Science	Baccalauréat ès Sciences (Bachelor of Sciences)	13	8	8	10	4	3	11	2	3	3
	Subtotal	**21**		**18**		**7**		**13**		**6**	
Éducation	Baccalauréat ès Éducation (Bachelor of Education)	35	13	46	12	20	4	23	5	35	7
	Certificat Postbaccalauréat (Post-Baccalaureate Certificate)	8	4	2	4	1		4	2	3	3
	Subtotal	**60**		**64**		**25**		**34**		**48**	
	Subtotal	**93**	**42**	**87**	**36**	**54**	**25**	**59**	**23**	**71**	**29**
Total		**135**		**123**		**79**		**82**		**100**	

Note:
1. CUSB is an affiliated college of the UM and as such CUSB works through the UM's Senate to confer degrees. Therefore, CUSB students receive a UM degree and are counted in the UM graduate tables.

1.8 Graduate Enrollment by Faculty/School

A number of factors can influence trends in graduate enrollment. Some of these include 1) students completing their degrees over a period of several years (seven is the generally accepted maximum but extensions are common); 2) faculties deciding that a student or a group of students who have been given extensions must complete their degrees, causing a decrease in the enrollment in one year; 3) some students beginning and ending their studies at various points in their graduate degree programs and, 4) the offering of some graduate courses in some years but not others, and the addition of new courses.

In this section, analysis is provided for UM only, as graduate enrollments for UW, BU and CUSB are not sufficient to allow for a full analysis.

- **University of Manitoba**

As noted earlier in Section 1.3.2, total graduate enrollment for regular session decreased by 6.6% or 224 students between 1996/97 and 2000/01. UM, which comprises almost 94% of total university graduate student enrollment, had an enrollment decrease of 8.8% or 286 students between 1996/97 and 2000/01. The other three universities comprising the remaining 6% of the graduate student population, each had slight increases in enrollment over the same five-year period.

Consistent with the undergraduate regular session enrollment trend at UM (as noted in Section 1.5.1), those faculties with the heaviest graduate enrollments had larger decreases between 1996/97 and 2000/01, as shown in Table 1.8.1. These include Education (22.3%), Arts (21.3%) and Science (19.7%). Other faculties with graduate enrollment drops were Human Ecology (17.4%), Architecture (14.2%), and Engineering (4.5%). Graduate enrollment in Medicine also dropped by 48 students or 17%.

Similarly, the following faculties all had graduate enrollment increases over the same time period: Management (14.9%), Nursing (8.9%) and Social Work (5.6%). The data also show a sharp enrollment increase in Pharmacy and in Physical Education and Recreation Studies.

Analysis of graduate enrollment by gender at UM reveals that of the total graduate enrollments between 1996/97 and 2000/01, the proportion of women enrolled increased from 51% to 53%, while the proportion of men enrolled dropped from 49% to 47%. Of the total enrollment over the same time period however, the number of women enrolled in graduate programs dropped by 96 students or 6.5% and the number of men enrolled declined by 202 students or 14.2%.

Further analysis shows that contrary to some of the previous findings on undergraduate enrollment by gender, men formed the majority of graduate enrollments in Dentistry, Engineering, Management, Science, Architecture, and Agriculture. Women had larger enrollments in Human Ecology, Nursing, Social Work, Education, Medicine and Arts.

Table 1.8.1 – Graduate Enrollment by Faculty/School – Regular Session

University by Faculty/School		1996/97				1997/98				1998/99				1999/00				2000/01			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba[1]																					
Agricultural and Food Sciences	Agri. Economics & Farm Management	6	12			4	12	1	1	5	9		1	6	6	1	4	8	7		3
	Animal Science	11	8	1	1	13	8	1	2	14	9	1	1	13	12	1		8	9		
	Biosystems Engineering	6	18		1	5	12	1	3	4	14		2	4	19			4	20		2
	Entomology	5	11		1	5	6		1	7	7			10	8			10	9	1	
	Food Science	13	4	1		15	7			17	5		1	16	8	1		13	8	2	1
	Plant Science	12	25	5	5	17	27	4	4	17	21	4	8	19	20	3	8	18	19	7	9
	Soil Science	9	12	2	4	8	11	1	3	3	12	2	3	4	9		4	7	10	1	5
	Subtotal	**152**		**21**		**150**		**22**		**144**		**23**		**154**		**22**		**150**		**31**	
Architecture	Architecture	29	60	3	2	25	55			28	56		2	25	80		1	31	77		2
	City Planning	25	35	2	4	20	32	2	3	13	29	1	3	15	26	2	3	14	19		
	Interior Design	18	10			19	10			5				5				2	2	2	
	Landscape Arch.	22	28	1	1	24	28	1	2	25	37	1		28	36	3		24	30	3	
	Subtotal	**227**		**13**		**213**		**8**		**193**		**7**		**215**		**9**		**199**		**7**	
Arts	Anthropology	26	15	2	1	26	19	5	1	23	21	2	2	21	19	2	1	24	20	3	1
	Classics	1	1	1			1	2		1	3	1			3	1			3		
	Economics	13	30	4	3	11	24	3	3	10	20	2	2	11	19	1	2	9	22	1	
	English	42	28	2	4	35	31	4	5	32	33	4	2	35	25	5		40	26	9	1
	French, Spanish & Ital.	13	4		2	10	4	2	1	10	2	2	1	11	2	1	1	12	1		
	Geography	10	27	1	3	14	27	1	4	13	29	1	2	13	21	2	3	12	16	3	2
	German	1																1			
	History	35	44	9	11	37	42	5	9	40	32	2	7	34	30	8	4	30	24	12	6
	Icelandic	1		1				2				1		1		1				1	
	Linguistics	7	7	1	1	8	8		1	8	8			7	6		2	4	4	2	2
	Philosophy	3	12	3		4	12	1		5	9	2	1	6	3	1	1	9	9	1	
	Political Studies	20	24	2	5	16	20	3	7	9	11	2	3	9	10	3	2	8	6	5	7
	Psychology	55	46	8	1	70	45	7	4	54	39	11	4	52	34	5	3	52	32	3	1
	Religion	9	12	5	7	11	9	2	3	11	11		1	9	9	1	1	8	6		2
	Slavic Studies				1																
	Sociology	33	19	4	1	33	17	3		30	16	5	2	32	11	5	2	33	10	4	2
	Subtotal	**538**		**83**		**534**		**78**		**480**		**62**		**433**		**58**		**421**		**68**	

Table 1.8.1 con't...

University of Manitoba		1996/97				1997/98				1998/99				1999/00				2000/01			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Dentistry	Oral Biology	3	5			1	3	2		4	3	1		5	4	1		2	3	1	
	Dental Diag. & Surg. Sc.	3	6			3	6			3	6			1	8				8		
	Diploma in Dental Diag. & Surg. Sc.	2	5			1	6				7				5				6		
	Subtotal	**24**		**0**		**20**		**2**		**23**		**1**		**23**		**1**		**19**		**1**	
Education	Curr: Hum. & Soc. Sc.	7	4	54	15	10	4	54	20	10	2	45	18	5	1	35	12	6	1	22	9
	Curr: Math. & Nat.Sc.	6	2	13	18	7	4	7	13	4	4	8	15	3	2	7	12	1	2	4	11
	Curr: Teaching & Learning													1		5	4	8	1	21	5
	Educ. Admin. & Found.	7		43	29	2		47	21	4	2	35	18	1	1	25	9	1		12	4
	Educ. Psychology	21	3	33	11	21	5	29	7	11	2	17	3	8	2	9	2	6	1	7	1
	Educ. Adm., Fnd. & Psy.									5	1	15	6	7		22	11	15	6	36	11
	Faculty based Ph.D.									7	5	16		8	5	14	2	6	4	13	3
	Grad. Studies Educ.	10	2	11	2	8	6	13	2				6	2	1		13	6	2	1	9	5
	Education CUSB[2]	1		7	2	1		9	4												
	Subtotal	**63**		**238**		**68**		**226**		**57**		**204**		**45**		**188**		**61**		**173**	
Engineering	Civil & Geological	20	54	4	15	17	49	4	18	16	50	2	20	10	46	4	18	11	49	4	12
	Elect. & Computer	12	107	2	20	17	85	1	28	20	99		21	19	100	4	34	18	98	1	33
	Mech. & Industrial	15	53	3	9	12	35	3	12	17	33	1	6	15	43	4	7	13	49	3	9
	Subtotal	**261**		**53**		**215**		**66**		**235**		**50**		**233**		**71**		**238**		**62**	
Graduate Studies	Food & Nutr. Sciences	7	4			8	2	1		7	2	1		5	2	2		5	4	1	
	Interdisciplinary	24	12	7	2	29	14	10	1	34	15	12	2	27	13	12	1	27	12	9	1
	Public Administration	7	8	6	2	10	6	12	2	9	6	9	2	7	5	12	4	7	6	10	3
	Subtotal	**62**		**17**		**69**		**26**		**73**		**26**		**59**		**31**		**61**		**24**	

Table 1.8.1 con't...		1996/97				1997/98				1998/99				1999/00				2000/01			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Human Ecology	Clothing & Textiles	10		2		10		3		9		2		13	1	1		12			
	Family Studies	28	3	3		17	1	1		17		1		11		3		15		2	
	Foods & Nutrition	16	3	3	1	18	3	2		20	2	1		19	2	3		23	1	4	
	Subtotal	**60**		**9**		**49**		**6**		**48**		**4**		**46**		**7**		**51**		**6**	
Law	Law	3	2			3	4			7	6			4	7	1		1	1	2	
	Subtotal	**5**		**0**		**7**		**0**		**13**		**0**		**11**		**1**		**2**		**2**	
Management	Acct. & Finance	8	7	1	6	4	11	1	6	9	8	1	3	3	4						
	Actuarial Science[3]	3	2		2	7	5		1	6	5		1	1	6				3		
	Business Admin.		1	8	3			5	6				2		1	1			1		
	Interdisciplinary Mgmt.	4	13	25	48		17	27	52	6	13	25	41	7	14	35	60	10	18	45	74
	Marketing			1					1				1								
	Management	4	5			4	3		2	3	6	1		5	4	1	1	5	5		1
	Subtotal	**47**		**94**		**51**		**101**		**56**		**75**		**45**		**98**		**42**		**120**	
Medical Rehabilitation	Medical Rehabilitation	1	1	2		4	1	1		4		2	1	4	1	2	1	6			
	Subtotal	**2**		**2**		**5**		**1**		**4**		**3**		**5**		**3**		**6**		**0**	
Medicine	Biochem. & Mol. Bio.	9	18			8	14		1	11	8			12	6			10	9		
	Comm. Health Sciences	22	7	41	12	22	12	37	17	28	10	35	13	28	9	35	17	26	12	31	12
	Human Anatomy & Cell Science	8	7	1	1	5	9			4	10	2		6	6	1		2	5		
	Human Genetics	8	3	3		7	5	2		6	6	2		3	3	3	1	2	4	2	
	Immunology	3	3			5	5			4	6	1	1	2	5	1	2	6	5	1	
	Medical Microbiology	12	13	2		9	14			11	9	2		14	8	1		14	7	1	
	Pathology	3				3				3	2			2	1			3			
	Pharmacy & Therapy	11	15			8	14	1		7	11	1		5	9	1		10	11	1	
	Physiology	36	35	2	3	30	40	3	1	32	37	3		32	31	3	2	31	21	5	4
	Surgery		2	1	2		1	2	3		1	1	1		2						
	Subtotal	**215**		**68**		**211**		**67**		**206**		**62**		**184**		**67**		**178**		**57**	

Table 1.8.1 con't...		1996/97				1997/98				1998/99				1999/00				2000/01			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Natural Resource Institute	NRI	33	17	2	8	33	21	3	5	32	25	2	3	26	24	3	4	25	23	1	3
	Subtotal	**50**		**10**		**54**		**8**		**57**		**5**		**50**		**7**		**48**		**4**	
Nursing	Nursing	15	1	60	3	13	1	52	3	18	2	59	3	18		48		16		65	5
	Subtotal	**16**		**63**		**14**		**55**		**20**		**62**		**18**		**48**		**16**		**70**	
Pharmacy[4]	Pharmacy	3	6			3	6	1		5	9			7	7	1		9	7	1	1
	Subtotal	**9**		**0**		**9**		**1**		**14**		**0**		**14**		**1**		**16**		**2**	
Phys Ed & Rec. Studies	Physical Education													23	10	3	3	17	9	2	2
	Recreation Studies													2	1			7	2	2	
	Phys Ed & Rec. Studies	15	9	1	1	20	8		2	21	11	1									
	Subtotal	**24**		**2**		**28**		**2**		**32**		**1**		**36**		**6**		**35**		**6**	
Science	Applied Mathematics	2	4			2	3			2	4			1	1						
	Botany	14	14	2		13	13	1	1	14	11	1	1	15	11		1	17	11		1
	Chemistry[4]	18	14	1	3	13	11	3	2	15	13		2	14	15		1	9	21	1	1
	Computer Science	9	31	2	10	10	23	2	7	6	22	2	7	4	26	1	7	6	26		9
	Geological Sciences	8	17	3	2	7	9	2	3	6	10	3	2	7	10	1	2	9	11		1
	Mathematics	3	10			1	10	1		1	7			2	6			3	6		
	Microbiology	12	12	1	1	11	14			10	13			10	17	1		8	17	1	
	Physics & Astronomy [5]	7	30	1	3	7	26		2	6	23	1	1	5	22	3	1	5	14	1	2
	Statistics	5	9		1	4	11	2	3	3	11		3	3	11		1	1	7	2	2
	Zoology	14	21			19	19			17	20	2		17	15	2	1	20	15	1	
	Subtotal	**254**		**30**		**226**		**29**		**214**		**25**		**212**		**22**		**206**		**22**	

Table 1.8.1 con't...		1996/97				1997/98				1998/99				1999/00				2000/01			
		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba																					
Social Work	Distance																	1	23	4	
	Social-Clinical																	30	10	42	5
	Intervention																	12	4	23	4
	Social Services Admin																				
	Social Work	47	7	97	28	46	9	90	26	53	12	79	22	58	16	76	17	12	4	11	4
	Subtotal	**54**		**125**		**55**		**116**		**65**		**101**		**74**		**93**		**73**		**116**	
Subtotal (excl. PGME's)		**964**	**1,099**	**506**	**322**	**943**	**1,035**	**485**	**329**	**931**	**1,003**	**442**	**269**	**892**	**965**	**447**	**286**	**891**	**931**	**483**	**288**
Post Graduate Medical Education		**373**		**0**		**374**		**0**		**378**		**0**		**380**		**0**		**385**		**0**	
Total (incl. PGME's)		**2,436**		**828**		**2,352**		**814**		**2,312**		**711**		**2,237**		**733**		**2,207**		**771**	

Notes:
- Data as at November 1st. Graduate figures include students continuing in a course or thesis over more than one session.
1. .Occasional student category includes visiting graduate students.
2. Students in the Education program at CUSB taking courses at the UM.
3. The departments of Business Administration and Actuarial & Management Science merged in 1997/98. Actuarial Science is now offered under the Warren Centre for Actuarial Studies & Research.
4. Workload associated with one full-time Ph.D. student in Chemistry is performed by the Faculty of Pharmacy. Pharmacy Ph.D. program new in 1997/98.
5. Changed to Physics and Astronomy in 1998/99.

Table 1.8.1 con't...	1996/97				1997/98				1998/99				1999/00				2000/01			
	Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time		Full time		Part time	
	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg [1]																				
History and Public Administration	16		22		18		25		18		25		13		25		18		25	

Note:
1. UW did not submit their regular session graduate enrollment by gender because historically this information was not collected. UW will begin collecting this data for future years.

Table 1.8.1 con't...		1996/97		1997/98		1998/99		1999/00		2000/01	
		Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University											
Education	Education	5 1	32 25	3 1	42 14	3	41 27	4	66 21	2 3	54 19
	Subtotal	**6**	**57**	**4**	**56**	**3**	**68**	**4**	**87**	**5**	**73**
Music	Music		1 3		2 2		2	2	2		2
	Subtotal	**0**	**4**	**0**	**4**	**0**	**2**	**2**	**2**	**0**	**2**
Rural Development	Rural Dev't								7 5	1	7 10
	Subtotal	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**1**	**17**
Total		6	61	4	60	3	70	6	101	6	92

Table 1.8.1 con't...		1996/97		1997/98		1998/99		1999/00		2000/01	
		Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time	Full time	Part time
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège universitaire de Saint-Boniface											
Éducation	**Subtotal**	1	15 21		14 21		21 29	2	15 38	2	18 43
	Total	**1**	**36**	**0**	**35**	**0**	**50**	**2**	**53**	**2**	**61**

1.9 Graduate Degrees Granted by Faculty/School

A brief analysis will be provided for UM only. Few graduate degrees are granted at UW, BU and CUSB and as such there is not sufficient data for analysis.

As Table 1.9.1 shows, graduate degrees granted by faculty at UM decreased by 114 or 17.6% between 1996 and 2000. The percentage of graduate degrees granted declined every year since 1997, with the largest drop of 63 or 10.5% in degrees granted occurring between 1999 and 2000.

The UM data is consistent with the changing trends by gender as noted in the previous section. Over the five-year period, the percentage of graduate degrees granted to women decreased by 12 (4.2%), and to men by 102 (28%). Of the total UM graduate degrees granted by gender in 1996, there were 285 (44%) degrees granted to women and 364 (56%) degrees granted to men. By 2000, the trend had reversed, with women receiving the majority of graduate degrees (273 or 51%), while men had received 262 or 49% of all graduate degrees granted.

Table 1.9.1- Graduate Degrees Granted by Faculty

University by Faculty/School		Academic Year 1996 - 2000									
		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Agricultural & Food Sciences	Master of Science (Agriculture)	15	23	15	19	19	11	12	18	18	17
	Ph.D. (Agriculture)	2	9	3	7	4	9	1	6		6
	Subtotal	**49**		**44**		**43**		**37**		**41**	
Architecture	Master of Architecture	7	16	7	15	5	14	8	10	3	9
	Master of City Planning	5	6	7	6	9	10	5	11	5	5
	Master of Facility Management					14	10				
	Master of Interior Design									1	
	Master of Landscape Arch.	3	9	2	5	5	5	2	5	8	7
	Subtotal	**46**		**42**		**72**		**41**		**38**	
Arts	Master of Arts	36	47	43	36	41	30	34	42	39	33
	Ph.D. (Arts)	10	6	8	12	12	10	10	12	12	6
	Subtotal	**99**		**99**		**93**		**98**		**90**	
Dentistry	Diploma O & MS		1	1					1		1
	Diploma in Periodontics	2				1	1		2		
	Master of Science (Dentistry)	3	1	1	3	1	3	2	1	1	3
	Ph.D. (Dentistry)	1		1			1	1			1
	Subtotal	**8**		**6**		**7**		**7**		**6**	
Education	Maîtrise en Éducation	2	8	6	2	6	1	8	5	2	5
	Master of Education	42	19	39	22	49	20	43	20	32	11
	Ph.D. (Education)					2	1	1		1	1
	Subtotal	**71**		**69**		**79**		**77**		**52**	
Engineering	Master of Engineering	1	5	1	4	3	8	1	4	1	3
	Master of Science (Eng.)	7	37	14	51	8	32	13	27	7	25
	Ph.D. (Engineering)	3	25	4	19		12	3	12	2	13
	Subtotal	**78**		**93**		**63**		**60**		**51**	
Graduate Studies	Master of Public Administration	14	5	3	8	12	6	10	6	10	7
	Master of Science (Interdisciplinary)	2	1	2				1	1		
	Ph.D. (Food & Nutrition Sciences)							1	2	1	
	Ph.D. (Interdisciplinary)	6	3	7	4	4	4	5		6	1
	Subtotal	**31**		**24**		**26**		**26**		**25**	

Table 1.9.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Manitoba											
Human Ecology	Master of Science (Human Ecology)	8	1	15	2	12	2	7		10	
	Subtotal	**9**		**17**		**14**		**7**		**10**	
Law	Master of Laws (LL.M.)	1		3	1			2	1	2	5
	Subtotal	**1**		**4**		**0**		**3**		**7**	
Management	Master of Accountancy	5	10	7	7	3	7	9	8	3	5
	Master of Business Administration	19	54	15	29	6	23	10	23	8	19
	Master of Science (Management)		3			1	2	4	2	1	3
	Ph.D. (Management)						1		1	1	
	Subtotal	**91**		**58**		**43**		**57**		**40**	
Medical Rehabilitation	Master of Science (Medical Rehabilitation)	5				1		1		2	1
	Subtotal	**5**		**0**		**1**		**1**		**3**	
Medicine	Master of Science (Medicine)	17	11	20	13	13	18	24	16	13	17
	Ph.D. (Medicine)	6	7	11	8	6	17	8	8	8	14
	Subtotal	**41**		**52**		**54**		**56**		**52**	
Natural Resources Institute	Master of Natural Resources Management	4	6	7	9	11	5	14	8	8	8
	Subtotal	**10**		**16**		**16**		**22**		**16**	
Nursing	Master of Nursing	16		14	1	11	1	17	1	13	
	Subtotal	**16**		**15**		**12**		**18**		**13**	
Pharmacy	Master of Science (Pharmacy)		1	1	2	1	2		2		1
	Subtotal	**1**		**3**		**3**		**2**		**1**	
Phys. Ed. & Recreation Studies	Master of Science (Physical Education)	5	2	1	1	4	4	2		5	1
	Subtotal	**7**		**2**		**8**		**2**		**6**	
Science	Master of Science	15	29	13	30	17	15	15	21	21	22
	Ph.D.	7	17	6	23	7	17	4	14	4	11
	Subtotal	**68**		**72**		**56**		**54**		**58**	
Social Work	Master of Social Work	16	2	30	6	27	5	25	5	25	1
	Subtotal	**18**		**36**		**32**		**30**		**26**	
	Subtotal	**285**	**364**	**307**	**345**	**315**	**307**	**303**	**295**	**273**	**262**
Total		**649**		**652**		**622**		**598**		**535**	

Notes:
- The reporting of degrees is based on a calendar year (February, May and October graduands) and does not include honorary degrees.
1. These are CUSB students.

Table 1.9.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
University of Winnipeg											
Arts	Master of Arts	2	6	8	8	7	9	6	2	10	3
	Subtotal	**8**		**16**		**16**		**8**		**13**	
Public Administration	Master of Public Administration	12	4	4	4	10	6	10	6	8	7
	Subtotal	**16**		**8**		**16**		**16**		**15**	
	Subtotal	**14**	**10**	**12**	**12**	**17**	**15**	**16**	**8**	**18**	**10**
Total		**24**		**24**		**32**		**24**		**28**	

Note:
- The reporting of degrees is based on a calendar year (February, May and October graduands).

Table 1.9.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Brandon University											
Education	Bachelor of Education	10	1	3	1	3	2	2			
	Graduate Diploma	9	2	10	5	10	2	14	10	18	7
	Master of Education	8	6	10	7	7	2	4	2	6	1
	Subtotal	**36**		**36**		**26**		**32**		**32**	
Music	Master of Music	3	1	1	1		3		1	1	
	Subtotal	**4**		**2**		**3**		**1**		**1**	
	Subtotal	**30**	**10**	**24**	**14**	**20**	**9**	**20**	**13**	**25**	**8**
Total		**40**		**38**		**29**		**33**		**33**	

Note:
- The reporting of degrees is based on a calendar year (February, May and October graduands).

Table 1.9.1 con't...		1996		1997		1998		1999		2000	
		Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male
Collège universitaire de Saint-Boniface [1]											
Éducation	Maîtrise en Éducation	2	8	6	2	6	1	8	5	2	5
	Total	**10**		**8**		**7**		**13**		**7**	

Notes:
- The reporting of degrees is based on a calendar year (February, May and October graduands) and does not include honorary degrees.
1. CUSB is an affiliated college of the UM and as such CUSB works through the UM Senate to confer degrees. Therefore, CUSB students receive a UM degree and are counted in the UM graduate tables.

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CHAPTER 2 – COLLEGES

2.0 Background

There are four publicly funded community colleges in Manitoba. Three colleges operate under *The Colleges Act* and consequential amendments: Red River College (RRC), Assiniboine Community College (ACC), and Keewatin Community College (KCC). The fourth, École technique et professionnelle (ÉTP), is a division of Collège universitaire de Saint-Boniface (CUSB).

In 1993/94, RRC, ACC and KCC became board-governed under *The Colleges Act*. ÉTP as part of CUSB had already been board-governed. In 1997/98, the responsibility for managing the relationship between Government and the colleges transferred to the Council on Post-Secondary Education.

The Government has worked with the colleges to increase capacity, expand programming and to meet the needs of Manitoba's labour market. Between 1993/94 and 2000/01 the Government implemented several initiatives aimed at increasing the capacity of the colleges and increasing programming opportunities for students.

In 1995/96 and 1996/97 the Colleges Secretariat of Manitoba Education and Training administered a provincial allocation for colleges called the Strategic Initiatives Fund (SIF). These funds were allocated to increase the capacity of diploma and career programs.

The one-year Colleges Growth Plan was implemented in 1998/99 to expand college enrollment, eliminate wait lists, and to respond to the needs of Manitoba's labour market. Building on the Colleges Growth Plan in 2000/01, the College Expansion Initiative (CEI) was established as a longer-term strategy to double college participation in career and technical programs, and further meet Manitoba's labour market needs.

A factor that had an impact on college enrollments was the phase out of the federal seat purchase of certificate programs that occurred between 1995/96 to 1998/99. Under the seat purchase, the federal government purchased spaces in college certificate programs for its clients including Employment Insurance (EI) recipients. Beginning in 1995/96, the number of college seat purchases was gradually reduced until 1997/98, when it was completely phased out. After 1998/99, only apprenticeship programs received federal funding.

This chapter presents four sections of data and analysis on enrollment and graduates for the four colleges from 1993/94 to 2000/01. The first two sections present enrollment and graduation data on demographics i.e., age, gender, etc. The last two sections include more detailed information on enrollment and graduation by program at each college.

2.1 Enrollment

College enrollment data is collected and reported in conjunction with Statistics Canada reporting methods. Data is reported annually as of August 31.

This section includes data and analysis on enrollment by college, gender, age, Aboriginal status and geographic location. Due to changes in college reporting systems in the late 1990's, almost all data is based on the years from 1998/99 to 2000/01.

2.1.1 Enrollment by College

The colleges had enrollment fluctuations throughout the early to mid -1990's. As Table 2.1.1 shows, total college enrollment increased by 3,140 students or 35% between 1993/94 and 2000/01. The data show that enrollment increased every year with the exception of a decrease of 374 students (4.1%) between 1994/95 and 1995/96. However, by 1997/98 and beyond, all colleges were showing consistent enrollment increases on an annual basis.

In 1993/94, the proportion of total enrollment by college was as follows: RRC (73.8%), ACC (15.6%), KCC (9.2%), and ÉTP (1.3%). By 2000/01, these distributions had shifted somewhat, with RRC accounting for 67.2%, and ACC, 21.7% of the total college population. Enrollment distributions for KCC and ÉTP had remained almost unchanged.

Full-time college enrollment accounted for 94.8% of total college enrollment in 2000/01. Additionally, full-time enrollment increased by 3,143 students or 37.7% between 1993/94 and 2000/01. Total part-time enrollment, on the other hand, declined by almost 50% or 306 students between 1993/94 and 1996/97, before recovering to almost the same point in 2000/01 as it was in 1993/94.

Table 2.1.1 - Enrollment by College

College		Academic Year 1993/94 – 2000/01							
		1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College									
	FT	6,148	6,344	6,046	6,156	6,240	6,595	7,305	7,908
	PT	476	351	280	162	197	237	179	237
	Total	**6,624**	**6,695**	**6,326**	**6,318**	**6,437**	**6,832**	**7,484**	**8,145**
Assiniboine Community College									
	FT	1,306	1,246	1,309	1,534	1,958	1,956	2,020	2,402
	PT	97	86	127	123	201	270	302	230
	Total	**1,403**	**1,332**	**1,436**	**1,657**	**2,159**	**2,226**	**2,322**	**2,632**
Keewatin Community College									
	FT	778	979	861	962	925	938	999	1,021
	PT	50	19	26	12	17	34	95	139
	Total	**828**	**998**	**887**	**974**	**942**	**972**	**1,094**	**1,160**
École technique et professionnelle									
	FT	108	96	76	89	101	105	128	152
	PT	9	37	41	29	14	23	21	23
	Total	**117**	**133**	**117**	**118**	**115**	**128**	**149**	**175**
Total									
	FT	8,340	8,647	8,292	8,741	9,224	9,594	10,452	11,483
	PT	632	493	474	326	429	564	597	629
	Total	**8,972**	**9,140**	**8,766**	**9,067**	**9,653**	**10,158**	**11,049**	**12,112**

Note:
- Only those students enrolled in regular programs, apprenticeship programs, and studying full time at regional centers are included.

2.1.2 Enrollment by Gender

Based on the data available in Table 2.1.2, enrollment by gender at RRC remained almost unchanged between 1998/99 and 2000/01. Of the total enrollment at RRC in 2000/01, there were 4,599 (56.5%) men and 3,073 (37.7%) women enrolled at the college. Enrollment patterns at ACC indicate that of the total college enrollment, men showed a declining enrollment trend (from 49% to 44%). Women, on the other hand, showed an increasing trend (from 49% to 56%) over the same two-year period. Enrollment distributions by gender at KCC remained at 53% for men and 47% for women in both 1999/00 and 2000/01. The data for ÉTP also show that as a percentage of total enrollment, there was a decrease for men (from 48% to 42%), and an increase for women (from 52% to 58%) between 1998/99 and 2000/01.

Table 2.1.2 - Enrollment by Gender

College	Academic Year 1998/99 – 2000/01					
	1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT
Red River College						
Male	3,655	67	4,160	47	4,522	77
Female	2,415	166	2,510	127	2,917	156
Unknown[1]	525	4	635	5	469	4
Subtotal	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**
Total	**6,832**		**7,484**		**8,145**	
Assiniboine Community College[2]						
Male	1,041		1,092		1,156	
Female	1,037		1,190		1,459	
Unknown[1]	28		6		1	
Total	**2,106**		**2,288**		**2,616**	
Keewatin Community College						
Male			549	35	557	55
Female			445	60	462	84
Unknown[1]			5		2	
Subtotal	**N/A**	**N/A**	**999**	**95**	**1,021**	**139**
Total	**N/A**		**1,094**		**1,160**	
École technique et professionnelle						
Male	51	11	54	9	63	10
Female	54	12	74	12	89	13
Unknown[1]						
Subtotal	**105**	**23**	**128**	**21**	**152**	**23**
Total	**128**		**149**		**175**	

Notes:
1. Unknown status arises from incomplete records at the colleges.
2. ACC's totals for gender are different than total enrollment because students are counted once, regardless of the number of programs they are enrolled in. Separate figures for full- and part-time enrollment were not available.

2.1.3 Enrollment by Age

Enrollment by age at RRC, as found in Table 2.1.3 shows that 47 to 50% of college enrollment was in the 18 to 24 age range for each of the years between 1998/99 and 2000/01. The data also show that part-time enrollment consistently increased with age in each of the three years. On average, part-time students were six years older than full-time students enrolled at RRC.

The distribution of enrollment by age at ACC indicates that 51 to 56% of its college population was also in the 18 to 24 age range in 1999/00 and 2000/01. KCC, on the other hand, shows more of an even distribution of enrollment by age with the larger distributions occurring in the 18 to 21 and 29 to 35 age categories. College enrollment by age at ÉTP shows that the majority of students were aged 18 to 21 years in each of the three years. Further, ÉTP students were, on average, seven to eight years younger than their counterparts at the other three colleges.

Table 2.1.3 - Enrollment by Age

College	Academic Year 1998/99 – 2000/01					
	1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT
Red River College						
<18	22		12		10	
18-21	2,133	21	2,219	28	2,413	24
22-24	1,255	33	1,382	24	1,390	25
25-28	893	37	983	22	1,053	42
29-35	772	40	892	34	1,031	55
>35	776	86	849	48	1,085	81
Unknown	744	20	968	23	926	10
Subtotal	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**
Total	**6,832**		**7,484**		**8,145**	
Average Age	26	33	26	32	27	33
Assiniboine Community College[1,2]						
<18				40		57
18-21				874		908
22-24				400		426
25-28				284		322
29-35				283		370
>35				318		485
Unknown				89		48
Total	**N/A ****		**2,288**		**2,616**	
Average Age			25		27	
Keewatin Community College						
<18			25	1	10	
18-21			236	19	209	23
22-24			170	12	174	25
25-28			181	18	170	21
29-35			213	18	234	31
>35			143	25	177	39
Unknown			31	2	47	
Subtotal	**N/A**	**N/A**	**999**	**95**	**1,021**	**139**
Total	**N/A**		**1,094**		**1,160**	
Average Age			26	27	26	29
École technique et professionnelle						
<18			7		6	1
18-21	79	15	78	14	115	15
22-24	9	5	15	4	19	2
25-28	4	1	6	1	5	2
29-35	7	1	10		5	1
>35	6	1	12	2	2	2
Unknown						
Subtotal	**105**	**23**	**128**	**21**	**152**	**23**
Total	**128**		**149**		**175**	
Average Age	19	19	19	19	18	18

Notes: - Enrollment is as of program start date.

1. ACC's totals for age are different from Table 2.1.1 because students are counted once, regardless of the number of programs they are enrolled in. Separate full- and part-time enrollments by age were unavailable.
2. ACC's Contract Training enrollment is not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.

2.1.4 Enrollment by Aboriginal Status

Since Aboriginal status is self-declared, there is limited data available for analysis. The data available in Table 2.1.4 indicate however, that enrollment of Aboriginal students increased every year from 1998/99 to 2000/01 at all three colleges. The data also suggest that just over 9% of Aboriginal students comprise the college population at RRC, and almost two-thirds of KCC's enrollment is Aboriginal students. Additionally, the percentage of Aboriginal students attending ACC more than doubled over the two-year period.

Table 2.1.4 – Enrollment by Aboriginal Status

College	Academic Year 1998/99 – 2000/01					
	1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT
Red River College						
First Nations	393	28	412	2	466	42
Metis	192	4	230	4	210	6
Inuit	1		2			
Other	39	5	46	4	31	6
Subtotal	**625**	**37**	**690**	**10**	**707**	**54**
Total	**662**		**700**		**761**	
% Aboriginal (enrollment)	9.7%		9.4%		9.3%	
Assiniboine Community College[1]						
First Nations		119		172		288
Metis		45		69		113
Inuit						
Other						
Total	**164**		**241**		**401**	
% Aboriginal (enrollment)	7.4%		10.4%		15.2%	
Keewatin Community College						
First Nations			508	41	536	81
Metis			95	17	90	15
Inuit						
Other			46	1	15	
Subtotal	**N/A**	**N/A**	**649**	**59**	**641**	**96**
Total	**N/A**		**708**		**737**	
% Aboriginal (enrollment)	N/A		64.7%		63.5%	
École technique et professionnelle[2]						
First Nations						
Metis						
Inuit						
Other						
Total	**N/A**		**N/A**		**N/A**	
% Aboriginal (enrollment)	N/A		N/A		N/A	

Notes:
- Aboriginal status is self-declared.
1. Part-time enrollment by Aboriginal status is not available.
2. There are no self-declared Aboriginal students at ETP.

2.1.5 Enrollment by Geographic Location

Table 2.1.5 shows that as expected, over 95% of total college enrollment at RRC, ACC and KCC is based in Manitoba, with the remaining 5% of enrolled students coming from outside Manitoba and international locations. ÉTP on the other hand, shows an increase in its international student enrollment over time from 17 students (13%) in 1998/99 to 48 students (27%) in 2000/01.

Table 2.1.5 - Enrollment by Geographic Location

College	Academic Year 1998/99 – 2000/01					
	1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT
Red River College						
Manitoba	6,449	231	7,182	170	7,788	234
Outside Manitoba	118	5	117	8	105	2
International	16		5	1	3	1
Undeclared	12	1	1		12	
Subtotal	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**
Total	**6,832**		**7,484**		**8,145**	
Assiniboine Community College[1,2,3]						
Manitoba				2,143		2,525
Outside Manitoba				104		85
International				2		6
Undeclared				39		
Total	**N/A**		**2,288**		**2,616**	
Keewatin Community College						
Manitoba			969	90	996	133
Outside Manitoba			11	4	13	3
International					1	
Undeclared			19	1	11	3
Subtotal	**N/A**	**N/A**	**999**	**95**	**1,021**	**139**
Total	**N/A**		**1,094**		**1,160**	
École technique et professionnelle						
Manitoba	84	19	98	3	115	3
Outside Manitoba	7	1	9		9	
International	14	3	21	18	28	20
Subtotal	**105**	**23**	**128**	**21**	**152**	**23**
Total	**128**		**149**		**175**	

Notes:

1. ACC's total enrollments for Geographic Location are different than total enrollment because students are counted once, regardless of the number of programs they are enrolled in. Separate figures for geographic region are not available.
2. ACC's Contract Training enrollment is not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.
3. Separate figures for full- and part-time enrollment were unavailable.

2.2 Graduates

2.2.1 Graduates by College

As found in Table 2.2.1, the total number of college graduates shows a declining trend of 28.5% or 1,078 fewer graduates between 1993/94 and 1998/99. Beginning in 1999/00, the trend began to reverse and show an increase in each of the next two years. Overall, the total number of college graduates decreased by 708 or 18.7% over the eight-year period.

The number of graduates fluctuated somewhat at each college. By 1999/00, however, there were some noticeable trends. RRC began showing a consistent increase in 1999/00, as did ACC beginning in 1996/97, and ÉTP in 1998/99. KCC shows a consistent decrease in graduates since 1996/97.

On a college-by-college basis, the graduation rate showed a similar trend to that of enrollment. In 1993/94, the distribution of graduates by college was as follows: RRC (2,942 graduates or 77.7%), ACC (516 graduates or 13.6%), KCC (273 graduates or 7.2%), and ÉTP (57 graduates or 1.5%). By 2000/01, the number of graduates at each college was as follows: RRC (2,086 graduates or 67.7%), ACC (759 graduates or 24.6%), KCC (157 graduates or 5.1%) and ÉTP (78 graduates or 2.5%).

Table 2.2.1 - Graduates by College

College	Academic Year 1993/94 – 2000/01							
	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College	2,942	2,473	2,485	2,175	2,094	1,865	2,042	2,086
Assiniboine Community College	516	443	384	494	481	536	600	759
Keewatin Community College	273	335	295	360	320	252	227	157
École technique et professionnelle	57	79	93	81	54	57	71	78
Total	**3,788**	**3,330**	**3,257**	**3,110**	**2,949**	**2,710**	**2,940**	**3,080**

Notes:
- Includes day programs and full-time programs at regional centers.
- Apprenticeship is not included because Apprentices graduate with certificates from the Province of Manitoba.

2.2.2 Graduates by Gender

Table 2.2.2 shows that the number of graduates by gender at each college had changed very little between 1998/99 and 2000/01. At RRC, the data show an almost even distribution between men and women graduates over the two-year period. ACC shows that almost one-third (243 or 32%) of graduates were men and two-thirds (516 or 68%) were women in 2000/01. In that same year, there were 71 men (45%) and 86 women (55%) who graduated from KCC. ÉTP showed similar distributions by gender with 33 men (42%) and 45 women (58%) graduating in 2000/01.

Table 2.2.2 - Graduates by Gender

College	Academic Year 1998/99 – 2000/01		
	1998/99	1999/00	2000/01
Red River College			
Male	930	966	1,002
Female	909	1,040	1,024
Unknown[1]	26	36	60
Total	**1,865**	**2,042**	**2,086**
Assiniboine Community College			
Male	182	216	243
Female	354	384	516
Unknown[1]			
Total	**536**	**600**	**759**
Keewatin Community College			
Male		97	71
Female		128	86
Unknown[1]		2	
Total	**N/A**	**227**	**157**
Ecole technique et professionnelle			
Male	25	31	33
Female	32	40	45
Unknown[1]			
Total	**57**	**71**	**78**

Note:
1. Unknown status arises from incomplete records at the colleges.

2.2.3 Graduates by Age

The distribution of graduates by age between 1998/99 and 2000/01 (Table 2.2.3) shows that the majority of graduates at each college were aged 18 to 24 years. At RRC in 2000/01, there were 1,018 graduates (49%) aged 18 to 24 years, 629 graduates (30%) were 25 to 35 years of age, and 379 (18%) were over 35 years of age. ACC showed a percentage decrease from 65% to 56% in graduates aged 18 to 24 years between 1999/00 and 2000/01. In addition, there were increases of 117 (20%) to 191 (25%) graduates aged 25 to 35; and 80 (13%) to 132 (17%) graduates over 35 years of age.

KCC showed a trend in reverse to ACC over the same time period. Over the two-year period, there was a 34% to 40% increase in graduates aged 18 to 24 years, a decrease of 89 (39%) to 58 (37%) graduates aged 25 to 35 years old, and another decrease of 59 (26%) to 36 (23%) of those over 35 years. At ÉTP, 82% or 64 graduates were 18 to 24 years of age in 2000/01.

The average age of graduates at the colleges ranged from 25 to 28 years.

Table 2.2.3 - Graduates by Age

College	Academic Year 1998/99 – 2000/01		
	1998/99	1999/00	2000/01
Red River College			
<18	11	9	7
18-21	484	494	525
22-24	473	535	493
25-28	310	328	340
29-35	248	282	289
>35	301	347	379
Unknown	38	47	53
Total	**1,865**	**2,042**	**2,086**
Average Age	27	28	28
Assiniboine Community College[1]			
<18		5	2
18-21		285	300
22-24		106	126
25-28		65	79
29-35		52	112
>35		80	132
Unknown		7	8
Total	**N/A**	**600**	**759**
Average Age		26	27
Keewatin Community College			
<18			
18-21		38	28
22-24		40	35
25-28		37	23
29-35		52	35
>35		59	36
Unknown		1	
Total	**N/A**	**227**	**157**
Average Age	N/A	28	27
École technique et professionnelle			
<18			
18-21	29	44	43
22-24	13	16	21
25-28	12	10	11
29-35	2	1	1
>35	1		2
Unknown			
Total	**57**	**71**	**78**
Average Age	26	25	25

Note:
1. ACC's Contract Training and Apprenticeship graduates are not separated from the base budget figures in 1998/99, therefore 1998/99 is not shown.

2.2.4 Graduates by Aboriginal Status

Based on the data available in Table 2.2.4, (as Aboriginal status is self-declared), the data indicate the majority of Aboriginal students who graduated at each college between 1998/99 and 2000/01 were First Nations students. Additionally, there was an overall increase in Aboriginal students who graduated from RRC and ACC over the same time period. Of the total graduates by college, approximately 12% to 14% of RRC graduates were Aboriginal graduates, and 60% of KCC graduates were Aboriginal graduates. Consistent with its enrollment trend, the percentage of Aboriginal graduates at ACC more than doubled over the two-year period.

Table 2.2.4 - Graduates by Aboriginal Status

College	Academic Year 1998/99 – 2000/01		
	1998/99	**1999/00**	**2000/01**
Red River College			
First Nations	136	153	158
Metis	80	100	89
Inuit		1	
Non-status	19	27	18
Total	**235**	**281**	**265**
% Aboriginal (graduates)	12.6%	13.8%	12.7%
Assiniboine Community College			
First Nations	32	41	93
Metis	9	28	36
Inuit			
Non-Status			
Total	**41**	**69**	**129**
% Aboriginal (graduates)	7.6%	11.5%	17.0%
Keewatin Community College			
First Nations		104	66
Metis		31	27
Inuit			
Non-Status			
Total	**N/A**	**135**	**93**
% Aboriginal (graduates)	N/A	59.5%	59.2%
École technique et professionnelle[1]			
First Nations			
Metis			
Inuit			
Non-Status			
Total	**N/A**	**N/A**	**N/A**
% Aboriginal (graduates)	N/A	N/A	N/A

Notes:
- Aboriginal status is self-declared.
1. There are no self-declared Aboriginal students at ÉTP.

2.3 Enrollment by College and Program

The remaining sections in this chapter present more detailed data and analysis of enrollments and graduates by program at each college. Data for Continuing Education, Market Driven Training and Contract Training Programs are not included for all three colleges as these programs are operated on a cost-recovery basis and are not funded by the Council. Enrollment for Distance Education is not included for RRC and KCC but is included for ACC as this data is part of ACC's base budget and is funded by the Council. Enrollment and graduates from ACCESS programs are reported in a separate chapter.

Given that community colleges in Manitoba were expected to respond to labour market needs, programs may not be offered from one year to the next, leading to variance in annual enrollment. As noted earlier in section 2.1.1, total enrollment at Manitoba's colleges increased by 3,140 students or 35% between 1993/94 and 2000/01. With the exception of a 4% decrease between 1994/95 and 1995/96, total college enrollment increased every year over the eight-year period.

- **Red River College**

Over the years between 1993/94 and 2000/01, total enrollment increased at RRC by 1,521 students or 23%. On a year-over-year basis, there were increases in almost every year, with the exception of a 5.5% decrease (369 students) between 1994/95 and 1995/96, and an almost negligible decrease of 8 students in the following year. In the years between 1996/97 and 2000/01, enrollment increased on an annual basis, and overall, by 1,827 students or 29%.

As Table 2.3 shows, there were enrollment increases in several program divisions over the eight-year period. These include Industrial Technologies (293 students or 36%), Business and Applied Arts (447 students or 26%) and Apprenticeship (441 students or 34%). Additionally, enrollment in Aboriginal and Teacher Education more than doubled over the same time period (from 158 to 322 students). Student Services also showed an increase with the added enrollments in the Deaf Studies program beginning in 1999/00.

There were enrollment increases in a number of specific programs over time as well. Some examples are Civil/CAD Technology, Business Administration, International Business, Computer/Analyst Programmer, Advertising Art, Creative Communications, Culinary Arts, Nursing, and Early Childhood Education. Enrollment also expanded in several Apprenticeship programs such as Carpentry, Plumbing, Electrical, Bricklaying, and Machinist, as well as in the Health Care Aide and Office Technician programs in the regional campuses.

- **Assiniboine Community College**

Enrollment at ACC increased by 87.6% (1,229 students) between 1993/94 and 2000/01. Throughout this period ACC's enrollment increased every year with the exception of a 5% decrease (71 students) between 1993/94 and 1994/95. Beginning in 1994/95, enrollment increased steadily each year and reached a high of 30% or 502 students between 1996/97 and 1997/98. The following year in 1998/99, enrollment slowed to a 3.1% increase, but began rising again through to 2000/01.

There were several programs at Assiniboine Community College where enrollment increased over the eight-year period, as shown in Table 2.3. Specifically, some of these programs included Agribusiness, Business Administration (at both ACC and Parklands campuses), Early Childhood Education, Health Care Aide (Comprehensive), Licensed Practical Nursing, Office Administration, Hospitality Tourism, and the Mature Student High School programs. Enrollment also expanded in Apprenticeship programs such as Carpentry, Construction Electrician, and Transport Truck Mechanic. Additionally, Distance Education enrollment increased by 46% or 42 students over the same time period.

- **Keewatin Community College**

At KCC, enrollment increased overall by 40% (332 students) between 1993/94 and 2000/01. Enrollment increased each year with the exception of a decrease of 111 students (11%) between 1994/95 and 1995/96, and again by 32 students (3.3%) between 1996/97 and 1997/98. The largest enrollment increase of 20.5% or 170 students took place between 1993/94 and 1994/95 over the eight-year period. Following the last decrease in 1997/98, enrollment began increasing again on an annual basis.

Table 2.3 shows there were general enrollment increases over time due to enrollment expansion in programs such as General Studies, Early Childhood Education, Health Care Aide, Computer Business Skills, Computer Programmer/Analyst, Natural Resource Management Technology, Nursing (Joint BN Program), and Transition Year Program. Enrollment also expanded in Apprenticeship programs such as Carpentry, Industrial Mechanics, and Welding.

- **École technique et professionnelle**

ÉTP offers college programming in French. Enrollments at ÉTP are generally small, and thus small changes in the numbers of students in a program tend to show large percentage changes in enrollment.

As Table 2.3 shows, total enrollments at ÉTP increased overall by 50% or 58 students between 1993/94 and 2000/01. On a year-over-year basis ÉTP's total enrollments fluctuated. Between 1993/94 and 1994/95, ÉTP's enrollments increased by 14% (16 students) due to the Introduction of the Aide en soins de santé (Health Care Aide

program) in 1993/94[1]. In 1995/96, enrollments at ÉTP decreased to 1993/94 levels due to a reduction in student demand for the Éducation en services de garde (Early Childhood Education) and the Administration des affaires (Business Administration) programs.

Total enrollment at ÉTP remained stable from 1995/96 until 1997/98, and then rose steadily for a total increase of 52% (60 students) by 2000/01.

[1] Note: Le Aide en soins de santé program at ÉTP actually increased enrollment by 30 students, but the number 16 is reported because there were enrollment decreases in other programs. Also, the program was approved in 1993/94 but did not begin until 1994/95.

Table 2.3 - Enrollment by College and Program

College by Program	Academic Year 1993/94 – 2000/01															
	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Aboriginal and Teacher Education																
Aboriginal Interpreter									20		20		35		22	
Business Skills Integrated									35		13		33		12	
Business Teacher Education	40		50		41		37		31		34		30		41	
College Preparation for Aboriginal Students	54		70		75		88		80		71		80		90	
Community-Centered Therapy							13			24		20				50
Economic Resource Worker											10				16	
Fundamentals of Entrepreneurship													8			
Gambling Addictions Counselling									9							
Industrial Arts - Teacher Education	44		55		27		29		29		14		6		9	
Industrial Arts/Tech Teacher Education											16		24		34	
Microcomputer Applications											21		21		20	
Summer Institute on Interpretation								3								
Teacher Education											60		13			
Vocational Industrial - Teacher Education	20		25		14		22		15		16		15		28	
Subtotal	**158**	**N/A**	**200**	**N/A**	**157**	**N/A**	**189**	**3**	**219**	**24**	**275**	**20**	**265**	**N/A**	**272**	**50**
Total	**158**		**200**		**157**		**192**		**243**		**295**		**265**		**322**	
Applied Sciences																
Animal Health Technology	38		37		35		32		35		43		47		51	
Applied Biology									13		13		32		12	
Applied Chemistry							9		14		11		7		16	
Applied Environmental Studies									5		7		6		16	
Applied Sciences															13	
Biological Technology	1															
Biomedical Engineering Technology		17				8										
Chemical and Bio-sciences Technology	51		68		67		60		59		61		70		73	
Child and Youth Care Worker									24		42		48		51	
Child Care Integrated	41		38													
Child Care Services (PLA)		24		22		6		11								
Cisco Networking Academy - Instructor															21	
Communication Engineering Technology	16		27		18		31		29		10		15		8	
Computer Engineering Technology	36		72		53		62		84		93		84		56	

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Cytotechnology	4		3		2											
Dental Assisting	99		51		51	1	54	3	54		50	2	53	1	51	3
Developmental Services Worker	54		56		56		51		54		54	5	49	3	48	2
Early Childhood Education [1]	117		115		120	3	109	8	105	30	104	37	116	27	147	44
Electrical Engineering Technology	29		39		19		25		16		28		33		43	
Electronic & Network Technician															29	
Electronic Engineering Technology	369		281		343		324		305		300		223		231	
Electronics Technician									30		37		28			
Family Support Worker															21	
Health Care Aide [2]		282		224		196	79		39		35		21		165	
Health Care Aide / Unit Clerk					37		44		48		25		25		25	
Health Care Aide / Unit Clerk (PLA)								42		85		54		45		23
Home Care Attendant		92		57		38										
Industrial Electronics	40		39		20		28									
Instrumentation Engineering Technology	22		24		25		25		11		16		20		10	
Med Rad Diagnostic Technology	26		23		25											
Med Rad Resident Physicians	8		5		7		5		7		9		6		6	
Medical Laboratory Technology	32		36		25											
Medical Radiologic Technology									41		38		28		45	
Medical Radiological Assistant	8		6		6		3								9	
MRI & Spectroscopy			8		13		16		16		16		18		18	
Nursing																
Nursing (Joint Baccalaureate)							40		88		130		176		189	
Nursing (Accelerated Diploma)															148	
Nursing (Diploma)	251	16	194	20	197	16	138	71	105	1	7	5				
Nursing (Experiential)		14														
LPN Refresher Challenge (Experiential)		3		3		3		2								
Nursing (College Preparation)	23		17		19		36		42		38		44		43	
Nursing Subtotal	**274**	**33**	**211**	**23**	**216**	**19**	**214**	**73**	**235**	**1**	**175**	**5**	**220**	**0**	**380**	**0**
Prior Learning Assessment Program								11		24		66		60		68
Radiation Therapy	11		7		9		8		5		8		8		18	
Rehabilitation Assistant												19		16		20

Notes:
1. Prior to 1995/96 Early Childhood Education was called Child Care Services.
2. From 1993/94 to 1995/96 Health Care Aide was offered as a part time program. In 1996/97 it was offered as a full-time program.

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Scientific Research Skills Program							19		20				14			
Telecommunications	37		35		14											
Subtotal	1,313	448	1,181	326	1,161	271	1,198	148	1,249	140	1,175	188	1,171	152	1,563	160
Total	1,761		1,507		1,432		1,346		1,389		1,363		1,323		1,723	
Business & Applied Arts																
Administrative Assistant	41		61		93		60		51		53		57		52	
Advertising Art	76		75		86		90		99		111		105		101	
Aviation Management															24	
Business Accountancy Integrated	40		46		48		37		22		2					
Business Administration	845		896		852		907		913		930		926		917	
Business Skills Integrated			13		15		13									
Chef Training	10		10		12		11		10							
Commerce/Industry Sales & Marketing	36		79		68		71		68		72		67		69	
Commercial Baking	14		28		15		14		14		14		8			
Commercial Cooking	68		59		60		66		1		1					
Computer Accounting Technician [3]	141		155		81		65		72		92		117		117	
Computer Analyst/Programmer	180		191		188		196		216		249		336		316	
Creative Communications	100		101		110		106		97		103		107		114	
Culinary Arts									77		113		124		132	
Entrepreneurship	37		15		24		25		24		24		26			
Experiential Library Technician		2		1												
Health Information Technologist							16		14		29		22		22	
Health Record Technician	19		25		22											
Hotel and Restaurant Administration	86		120		117		116		112		90		87		101	
Information Systems Technology											72		121		132	
International Business					17		20		18		21		15		26	
Legal Assistant	20															
Library and Information Technology	26		33		36		36		33		32		30		29	
Tourism			21		23		31		37		34		36		36	
Subtotal	1,739	2	1,928	1	1,867	N/A	1,880	N/A	1,878	N/A	2,042	N/A	2,184	N/A	2,188	N/A
Total	1,741		1,929		1,867		1,880		1,878		2,042		2,184		2,188	

Note:

3 The Business Accountancy program was changed to Computer Accounting Technician in 1995/96.

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Developmental Education																
ABE - Prior Learning Assessment				4		1										
Academic for University/College Entry													27		77	
Adult 10	273		164		89		94		73		70		61		49	
Adult 11	106		134		109		135		110		93		49		39	
Adult 12	23		53		55		76		62		51		45		68	
Basic E.S.L. for Technology									10							
Basic English as a Second Language	253		282		267		275		304		144					
Bridge Program for College Entry	35		38		20		52		31		13		13			
BTSD (10) Rural	4															
BTSD 10 & Life/Employment Skills	16															
Computers for ESL Learners										16						
English	76		107		61		38		69		77		88		104	
General Studies							38		28		40		26		19	
Intensive English for Integration/Job Prep.	36		18													
Intensive Eng. as a Second Language											153		280		290	
Intro to Computer Accounting Tech											12		18		13	
Introduction to Business													54		67	
Introduction to Community Service					32		9									
Summer ESL for Korean Nurses															20	
Subtotal	822	N/A	796	4	633	1	717	N/A	687	16	653	N/A	661	N/A	746	N/A
Total	822		800		634		717		703		653		661		746	
Industrial Technologies																
Advanced Welding	13		7		12		13		20		22		21		30	
Aerospace Manufacturing	13		7												31	
Architectural CAD Technology					20		18		20		18		18			
Architectural Drafting	40		40													
Asphalt Pavement Technician													113			
Automotive Technician	72		73		60		58		53		57		59		79	
Building Design CAD Technology															24	
Carpentry and Woodworking	38		37		55		37		36		35		34		38	
Civil Engineering Technology	105		105													
Civil Technician					47		24		35		38		2		2	
Civil Technology									11							

Table 2.3 con't..	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Civil/CAD Technology					88		95		96		99		85		216	
CNC Machine Operator	12		13		22		12									
Collision Repair and Refinishing	30		29		30		27		15		17		22		35	
Computer-Aided Drafting (CAD) Technology					16		23		16		16		19			
Design & Construction Technology	17		30		46		49		44		36		34		28	
Diesel Mechanics - Transport	69		70		54		53									
Electrical	25		24		23		26		24		26		50		46	
Environmental Protection Technology											12		22		23	
Exp Mechanical Engineering Technology		1														
Experiential Civil Eng. Technology		1		1		1										
Geographic Info Systems Technology	16						23		15		19		19		15	
Geomatics Technology									5		13		20		11	
Greenspace Management - Diploma									22		31		40		44	
Heavy Duty Equipment Mechanic									34		50		47		48	
Heavy Duty Equipment Technician									10		9		9		7	
Machine CAD Technology					20		17		20		14		20			
Machine Drafting	19		15													
Machine Shop Practice	25		66		79		40									
Manufacturing Design CAD Technology															9	
Manufacturing Technician							54		60		63		59		71	
Masonry	15		12													
Mechanical Engineering Technology	96		89		96		83		76		81		99		98	
Mechanical Systems CAD Technology					16		12		15		18		14		8	
Mechanical Systems Drafting	13		11													
Municipal Technology	34		64		71		64		43		54		57		47	
Piping Trades	35		18		17		18		18		18		36		36	
Plumbing Cross Connection Control	7				23		10		9		13		12		4	
Power Engineering	51		13		34		12		36		39		44		41	
Power Equipment Technician			12		19		14		13		13		14		13	
Precision Metal Fabrication			10													

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Refrigeration and Air Conditioning			18		18		18		19		19		18		18	
Structural CAD Technology					21		17		20		18		19			
Structural Drafting	19		22													
Structural Technology	24		19		31		39		32		43		39		29	
Survey Certification Training													30			
Survey Technology	9		6		13		17		8							
Welding	16		17		18		17		18		17		35		31	
Wood Products Manufacturing									16		23		34		26	
Subtotal	**813**	**2**	**827**	**1**	**949**	**1**	**890**	**N/A**	**859**	**N/A**	**931**	**N/A**	**1,144**	**N/A**	**1,108**	**N/A**
Total	**815**		**828**		**950**		**890**		**859**		**931**		**1,144**		**1,108**	
Regional Campuses																
Applied Counselling Skills											17		15		21	
Automotive Repair									11							
Business & Administrative Studies											10		10		15	
Carpentry											3		3			
Accounting											9		6			
Health Care Aide									7		65		101		174	
Office Technician									20		46		40		48	
Police & Security Studies													12			
Receptionist/Office Clerk															22	
Subtotal	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**38**	**N/A**	**150**	**N/A**	**187**	**N/A**	**280**	**N/A**
Total	**0**		**0**		**0**		**0**		**38**		**150**		**187**		**280**	
Student Services																
American Sign Language – English	13		15		12		15		13		19		14		9	
Deaf Literacy Program		24		19		7		11		17		29		27		27
Deaf Studies													12		11	
Subtotal	**13**	**24**	**15**	**19**	**12**	**7**	**15**	**11**	**13**	**17**	**19**	**29**	**26**	**27**	**20**	**27**
Total	**37**		**34**		**19**		**26**		**30**		**48**		**53**		**47**	

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Red River College																
Apprenticeship																
Automotive Service Education	50		61		58		54		45		43		58		51	
Auto Service Technician									201		207		203		185	
Boilermaker	31		28		25		27		23		26		39		34	
Boilermaker – Entry Level					8		8		10		23		17		21	
Bricklaying	8		11		8		17		12		25		31		28	
Cabinet Making	40		38		26		33		19		23		29		35	
Carpenter [4]	152		158		153		150		128		132		159		160	
Cook	30		30		40		34		37		32		29		31	
Crane Operator															24	
Electrical [5]	235		274		203		198		242		236		361		424	
Heavy Duty Mechanic															9	
Interior Systems Mechanics											11					
Landscape Technician	24		26		37		36		42		33		34		23	
Machinist	42		47		37		47		70		63		101		63	
Motor Vehicle Body Repairer	65		59		56		57		68		68		62		68	
Motor Vehicle Body (Paint)			10		11				12		10		7		10	
Motor Vehicle Mechanic	226		237		201		203									
Painting & Decorating	37		43		45		50		24		15		16		25	
Plumbing	133		191		166		169		190		174		229		211	
Power Electrician	86		79		49		39		33		40		61		49	
Refrigeration	54		40		55		55		56		51		84		86	
Sheet Metal	41		37		41		43		46		47		50		57	
Sprinkler/Fire Protection Installer	7				15		24		22				21		25	
Steamfitting	29		17		22		18		17		43		26		28	
Tool & Die Maker			11		11		5				20		7		22	
Transport Trailer Mechanic											28		43		35	
Transport Truck/Bus															27	
Subtotal	**1,290**	**N/A**	**1,397**	**N/A**	**1,267**	**N/A**	**1,267**	**N/A**	**1,297**	**N/A**	**1,350**	**N/A**	**1,667**	**N/A**	**1,731**	**N/A**
Total	**1,290**		**1,397**		**1,267**		**1,267**		**1,297**		**1,350**		**1,667**		**1,731**	
Subtotal	**6,148**	**476**	**6,344**	**351**	**6,046**	**280**	**6,156**	**162**	**6,240**	**197**	**6,595**	**237**	**7,305**	**179**	**7,908**	**237**
Total Red River College	**6,624**		**6,695**		**6,326**		**6,318**		**6,437**		**6,832**		**7,484**		**8,145**	

Notes:

4. In 2000/01 the Carpentry class for Aboriginal students had an enrollment of 10 students. These students are included in the total.
5. In 2000/01 the Electrical class for Aboriginal students had an enrollment of 9 students. These students are included in the total.

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Assiniboine Community College																
Base Budget																
Aboriginal Community Development							11		19		16		14		21	
Agribusiness	25		37		50		76		107		110		102		104	
Automotive Electronics	13		12		12		14		16							
Automotive Technician (Parkland Campus)	12		10		11		9								6	
Automotive Technology/Technician			8		15		14		33		37		34		25	
Business Accountancy	48		51		1											
Business Administration (Both campuses)	251		284		307		345		410		419		369		466	
Call Centre Agent					13											
Career Decision Making	9															
Carpentry and Woodworking	17		21		19		16		17		16		15		15	
Child Care Centre Administration	10				9		7		13				7		5	
College Preparation			24		18		18		21		15		11		16	
Community Social Development	20		20		17		23		25		17		23		24	
Computer Technician															13	
Computer Technology															41	
Construction Electrician															15	
Consumer Electronics															1	
Developmental Studies (Both campuses)	97								2							
Early Childhood Education [6]	48		64		47		49		48		48		74		100	
Electronic Technician	16		15		6		19		29		24		29			
English as a Second Language									6							
Farm Machinery Mechanics	17		16		15		14									
Farm Machinery Technician									28		29		20		12	
General Business (Rotating Sites)									39				13		17	
Health Care Aide (Comprehensive)	23		31		42		33		45		90		64		63	47
Heavy Duty Electronics	14		13													
Heavy Duty Mechanics	32	6	35		32		1									
Heavy Duty Technician							44		74		53		47		64	
Hospitality Tourism	49		47		54		43		68		91		78		59	
Industrial Metal Fabrication			12		15		16		20		17		15		19	
Integrated Motive Power Trades													15		14	
John Deere Agricultural Technologist									11		25		14		5	
Machine Shop	11															

6 Beginning in 1999/00 ACC began offering an Early Childhood Education stream for Aboriginal students. Enrollment was 22 students in 1999/00 and 17 students in 2000/01.

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Assiniboine Community College																
Mature Student High School							82		97		85		142		234	
Media Production	30		19		25		26		26		53		47		40	
Nursing																
Practical Nursing	35		21		25		32		98		78		224		353	
Practical Nursing Refresher																50
Office Administration					98		157		165		188		135		110	
Office Skills Refresher	7															
Piping	18		15		15		14		16		15		13		15	
Professional Cooking							13		14		9		15		12	
Rural Development							16		24		21		31		23	
Rural Initiatives	32		27		23		6									
Secretarial	55		58													
Skills for Small Business	16															
Sustainable Shelter Technology	7		8													
Swine Care Worker											21		12			
Swine Technician											7		4		1	
Technologies	59		45		43		14									
Subtotal	**971**	**6**	**893**	**N/A**	**912**	**N/A**	**1,112**	**N/A**	**1,471**	**N/A**	**1,484**	**N/A**	**1,567**	**N/A**	**1,893**	**97**
Total	**977**		**893**		**912**		**1,112**		**1,471**		**1,484**		**1,567**		**1,990**	
Distance Education																
Subtotal	**N/A**	**91**	**N/A**	**86**	**N/A**	**127**	**N/A**	**123**	**N/A**	**201**	**N/A**	**270**	**N/A**	**302**	**N/A**	**133**
Total	**91**		**86**		**127**		**123**		**201**		**270**		**302**		**133**	
Apprenticeship																
Carpenter							35		33		35		42		50	
Construction Electrician	33		30		40		29		52		49		39		65	
Farm Equipment Mechanic							76		71		49		63		58	
Heavy Duty Equipment Mechanic	255		276		317		157		166		159		155		142	
Motor Vehicle Mechanic	47		47		40		36		51		42		31		33	
Pork															35	
Transport Truck Mechanic							89		114		138		123		126	
Subtotal	**335**	**N/A**	**353**	**N/A**	**397**	**N/A**	**422**	**N/A**	**487**	**N/A**	**472**	**N/A**	**453**	**N/A**	**509**	**N/A**
Total	**335**		**353**		**397**		**422**		**487**		**472**		**453**		**509**	
Subtotal	**1,306**	**97**	**1,246**	**86**	**1,309**	**127**	**1,534**	**123**	**1,958**	**201**	**1,956**	**270**	**2,020**	**302**	**2,402**	**230**
Total Assiniboine Community College	**1,403**		**1,332**		**1,436**		**1,657**		**2,159**		**2,226**		**2,322**		**2,632**	

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Keewatin Community College																
Core Programs																
Accounting Clerk	14	2	4													
Administrative Assistant			18		34	5	32	8	23	1	21	2	22	2	19	
Advanced Computer Application Skills	15		10		19		13				10	1				
Applied Counselling Skills	14	1														
Automotive Technician															7	
Band & Northern Community Administration [7]	7	1	8		10		17		16		17			1		
Basic Electrical	8		13				6		10		10		7		7	
Business Accountancy					7				2		5			1		2
Business Administration	103	10	124	11	90	6	97	2	97	8	103		102	12	90	6
Career Choices in Mechanics							7									
Carpentry Woodwork	7		8		12		21		16		10		15		7	1
Chemical Engineering Technology							8		14		15		14		10	
College Preparation	146	4	266	1	191		233		229		163	1				
Commercial Cooking					14		17		17		8		16	1	13	
Computer Business Applications	18	1	22		24		18		22		20		22	1	14	3
Computer Business Skills	16		25		20		24		24		15		29	4	40	
Computer Office Skills					11											
Computer Program/ Analyst	24	3	24		24	3	27	1	46		56	1	41	1	32	2
Computer Systems Technology							9		24		33		21	2	23	
Dental Assisting	21	3	28		24	3	24	1	21		15	11	14	1	12	1
Early Childhood Education											23		29	3	14	3
Electronic Repair Technician	8		16		9											
Electronic/Electrical Technician			15		17		13		14	2	6	5	12		5	1
Eco Tourism											6					
Facilities Technician	15		27		24		20		20		27		17	2	18	1
Fur & Leather Professional Sewing							6									
General Studies													155	31	262	84
Health Care Aide													26		25	
Health Care Assistant					6		11									
Heavy Duty Mechanics	12		11	1					18		18	1	9		5	
High School Building Construction	15		13		3		16		5		16				1	
High School Power Mechanics	30		23		29		29		27		19				4	
Industrial Mechanics/Machinists	7		11													
Industrial Mechanics/Millwright													5		4	

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Keewatin Community College																
Industrial Welding	4		4		11		15		12		16		11	1	16	1
Law Enforce Career Preparation	15		11		16		17		10		13		21			
Motor Vehicle Mechanics	9		11													
Natural Resource Mgmt. Technology	43	7	46	3	43	3	48		47	3	54	2	63	4	67	2
Nursing																
Northern Nursing (Access)	40	3	35	1	40	1	35		10							
Nursing (Diploma)	46	11	43	1	30	5	27		13	3		4				
Nursing (Joint Bachelor)											11	4	40	18	59	18
Preparation for Nursing											21		8			
Nursing Subtotal	**86**	**14**	**78**	**2**	**70**	**6**	**62**	**0**	**23**	**3**	**32**	**8**	**48**	**18**	**59**	**18**
Professional Cooking Basics	20		19		9											
Recreation Orientation Program			14													
Recreation Community Lead Program [8]					14		8		14		17	2	3	3		
Secretarial Arts	12															
Small Motor Repair					12											
Stone Masonry Upgrading							5									
Transition Year Program													91	7	36	14
Subtotal	**669**	**46**	**849**	**18**	**743**	**26**	**803**	**12**	**751**	**17**	**748**	**34**	**793**	**95**	**790**	**139**
Total	**715**		**867**		**769**		**815**		**768**		**782**		**888**		**929**	
Apprenticeship																
Carpentry									19		38		18		38	
Ironworker													14		15	
Industrial Electrical	19		11	1	16		14		22		22		19		17	
Industrial Mechanic	66		67		81		110		102		104		117		117	
Industrial Welding	24		25		21		35		31		26		33		44	
Subtotal	**109**	**N/A**	**103**	**1**	**118**	**N/A**	**159**	**N/A**	**174**	**N/A**	**190**	**N/A**	**201**	**N/A**	**231**	**N/A**
Total	**109**		**104**		**118**		**159**		**174**		**190**		**201**		**231**	
Non Program																
Subtotal	**0**	**4**	**27**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**5**	**N/A**	**N/A**	**N/A**
Total	**4**		**27**		**0**		**0**		**0**		**0**		**5**		**0**	
Subtotal	**778**	**50**	**979**	**19**	**861**	**26**	**962**	**12**	**925**	**17**	**938**	**34**	**999**	**95**	**1,021**	**139**
Total Keewatin Community College	**828**		**998**		**887**		**974**		**942**		**972**		**1,094**		**1,160**	

Notes:
7. Changed to a two-year program in 1995/96.
8. Changed to a two-year program in 1999/00.

Table 2.3 con't...	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99		1999/00		2000/01	
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
École technique et professionnelle																
Administration des affaires (Business Administration)	50	4	51	4	44	1	52	2	51	4	48	5	53	3	48	2
Gestion de bureau (Office Management)	40	2	21	6	22	2	21	4	17	2	7	2	7		10	1
Éducation en services de garde (Early Childhood Education)	18	3	14	7	10	1	16	2	16	2	10	3	14	1	12	
Aide en soins de santé (Health Care Aide)			10	20		37		21		6	8	13	7	16	12	19
Informatique (Computer Analyst)									17		32		27	1	31	1
Communication multimédia (Multimedia communications)													20		34	
Tourisme (Tourism)															5	
Subtotal	**108**	**9**	**96**	**37**	**76**	**41**	**89**	**29**	**101**	**14**	**105**	**23**	**128**	**21**	**152**	**23**
Total École technique et professionnelle	**117**		**133**		**117**		**118**		**115**		**128**		**149**		**175**	

2.4 Graduates by College and Program

Similar to enrollment, the number of college graduates each year depends on when programs are offered, student demand, and labour market need. As noted in section 2.2.1, the total number of college graduates decreased by 18.7% (708 graduates) between 1993/94 and 2000/01. This can be attributed to program reductions in the early 1990's (pre-1993), the phase out of the federal seat purchase, and the movement towards offering more diploma programs under the Strategic Initiatives Fund (SIF). The decline in the number of graduates occurred before 1998/99.

To address budget shortfalls due to federal funding reductions, the colleges reduced the number of one-year certificate programs while at the same time the Government created incentives for colleges to increase the number of two-year diploma programs (under the SIF). This meant that new diploma programs introduced in the mid 1990's would not be reflected in graduation numbers until two years later, while the number of one-year certificate program graduates would decline.

Other government initiatives introduced to expand college enrollment and participation were the Colleges Growth Fund in 1999/00 and the College Expansion Initiative (CEI) in 2000/01, as mentioned earlier. Given the time period of 1993/94 to 2000/01 that is covered in this Compendium, and the start date of the CEI, there are very few graduates from CEI-funded programs that are included in this report.

As noted earlier in section 2.2.1, the total number of college graduates decreased steadily from 3,788 in 1993/94 to 2,710 in 1998/99. The graduation rate began to reverse in the following year with an increase of 230 graduates (8.5%) in 1999/00 and 140 graduates (4.8%) in 2000/01.

- **Red River College**

Between 1993/94 and 1998/99, the number of graduates from RRC decreased by (36.6% or 1,077 graduates). This was due in part, to provincial budget reductions in 1992/93 and the phasing out of the federal seat purchase. In 1999/00 the number of graduates had increased by 9.5% (177 graduates) and again by 2.2% (44 graduates) in 2000/01 following enrollment increases in the previous two years.

As Table 2.4 shows, programs that showed an increase in the number of graduates over this time period include the Aboriginal and Teacher Education Programs, Business Administration, Commerce/Industry Sales and Marketing, Creative Communications, Culinary Arts, Computer Analyst/Programmer, Early Child Education, Deaf Studies and Piping Trades. In addition, the expansion of the college's Health Care Aide program at the regional campuses showed that the number of graduates had more than doubled (from 52 to 129) between 1999/00 and 2000/01.

- **Assiniboine Community College**

Although there were fluctuations on a year-to-year basis, the number of ACC graduates increased by 47% (243 graduates) between 1993/94 and 2000/01. Between 1993/94 and 1995/96, there was a decrease of 26% (132 graduates). This was followed by an increase in the next year, and a minor decrease in 1997/98. Between 1997/98 and 2000/01, the number of graduates increased on an annual basis, for a total increase of 278 graduates or 58%.

Some of the programs showing an increase in the number of graduates, as found in Table 2.4, are Agribusiness, Office Administration, Business Administration, Heavy Duty Equipment Technician, the Health Care Aide (Comprehensive) Program, and the Early Childhood Education Program. Most notably, the number of graduates from the expanded Licensed Practical Nursing program increased by 106 graduates between 1999/00 and 2000/01.

- **Keewatin Community College**

Overall, the number of graduates from KCC declined every year between 1993/94 and 2000/01 with the exceptions of the years between 1993/94 and 1994/95, and 1995/96 and 1996/97. Between 1993/94 and 1994/95, the number of graduates increased by 22.7% (62 graduates), and by 22% (65 graduates) between 1995/96 and 1996/97. As Table 2.4 shows, the increase in each of these years was primarily due to the large numbers of graduates from the College Preparation Program as well as new graduates from previously approved programs. After 1996/97 the number of graduates steadily decreased at KCC (56% or 203 graduates), mainly due to the large drop off in the number of College Preparation graduates and discontinuation of the Diploma Nursing program.

- **École technique et professionnelle**

Throughout the years between 1993/94 and 2000/01, the total number of graduates from ÉTP increased by 36.8% (21 graduates), however, on an annual basis the number of graduates fluctuated (Table 2.4). Between 1993/94 and 1995/96 the number of graduates increased by 63.2% (or 36 graduates). This time period was also characterized by an increased offering of diploma programs.

In 1997/98, enrollments at ÉTP decreased to 1993/94 levels, and increased marginally in the following year. Between 1998/99 and 2000/01, the number of graduates increased by 21 or 36.8% due to the addition of the first graduates from the Informatique (Computer Analyst) and Communication multimédia (Multimedia Communication) programs.

Table 2.4 - Graduates by College and Program

College by Program	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Aboriginal and Teacher Education								
Aboriginal Interpreter					18	18	15	10
Access Pre-College	2							
Business Skills Integrated					15	6	6	10
Business Teacher Education	13	18	14	15	9	10	9	14
College Preparation for Aboriginal Students	18	36	32	47	36	38	47	24
Community Centered Therapy					11		13	20
Economic Resource Worker						9		16
Fundamentals of Entrepreneurship							8	
Gambling Addictions Counselling					9			
Industrial Arts - Teacher Education	10	20	12	13	10	9	1	7
Industrial Arts/Technology Teacher Ed.						3	1	3
Microcomputer Applications	16	13	6	5	16	15	17	11
Practical Technology Applications	11							
Program for Intercultural Trainers	10	5						
Vocational Industrial Teacher Education	20	23	14	17	11	13	10	21
Subtotal	**100**	**115**	**78**	**97**	**135**	**121**	**127**	**136**
Applied Sciences								
Animal Health Technology	17	16	17	13	14	16	20	24
Applied Chemistry						1		
Biological Technology	1							
Biomedical Engineering Technology		6	6		4	1		
Chemical and Bio-sciences Technology		16	21	23	24	30	24	23
Child and Youth Care Worker						13	23	19
Child Care Integrated	8	7						
Child Care Services (PLA)	9	8	3	4				
College Preparation for Nursing	19	10	12	27	29	25	22	26
Communication Engineering Technology	12	8	14	9	17	7	11	6
Computer Engineering Technology	20	26	33	21	26	35	42	29
Correctional Officer		18						
Cytotechnology		3	2					
Dental Assisting – All Levels	94	44	45	49	47	48	42	46
Developmental Services Worker	24	25	20	25	25	24	23	27
Early Childhood Education [1]	34	35	54	41	42	38	34	43
Electrical Engineering Technology	17	24	13	17	11	7	22	21

Note: 1. Early Childhood Education was called Child Care Services before 1995/96.

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Electronic & Network Technician								11
Electronic Engineering Technology	35	32	22	23	9	25	17	21
Electronic Technology	1							
Electronics Technician					12	9	18	
Health Care Aide [2]	186	237	213	86	47	42	31	65
Health Care Aide/Unit Clerk			17	39	31	17	18	
Health Unit Clerk			1	3	27	16		
Home Care Attendant	188	29	69	22	4	3	1	
Home Support Worker	43							
Industrial Electronics	20	19	18	12				
Instrumentation Engineering Technology	16	4	16	19	6	12	11	7
Medical Radiological Diagnostic Technology	21	20	20					
Medical Radiological Resident Physicians	8	3	7		7	9	6	6
Medical Laboratory Technology	23	25	21					
Medical Radiological Technology							17	14
Medical Radiological Assistant								8
Manitoba Health Science Center Medical Radiological Assistant	8	6	6	3				
Magnetic Resonance Imaging & Spectroscopy			12	7	20	7	14	11
Nursing								
Experiential – LPN Refresher Challenge	3	3	2	1				
Nursing (Diploma)	88	64	57	54	82	10		
Nursing in Mental Illness		2						
Nursing Northern	11							
Nursing Subtotal	**102**	**69**	**59**	**55**	**82**	**10**	**N/A**	**N/A**
Radiation Therapy	11	7	9	7	5	6	8	18
Scientific Research Skills Program				20	39			14
Telecommunications	19	17	9					
Subtotal	**936**	**714**	**739**	**525**	**528**	**401**	**404**	**439**
Business & Applied Arts								
Administrative Assistant	12	11	18	26	27	20	15	11
Basic Business	4	6	4	7	7	3	2	1
Basic Salesmanship	2	1	9	4	3	3	2	4
Business Accountancy Integrated	17	15	17	22	25	7		

Note:
2. From 1993/94 to 1995/96 Health Care Aide was offered as a part-time program. In 1996/97 it was converted to a full-time program.

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Business Administration	214	183	187	203	229	233	223	238
Business Skills Integrated			13	26				
Certificate in Adult Education								1
Chef Training	8	8	8	9	6	2		
Client Server		10						
Commerce/Industry Sales & Marketing	25	29	49	47	45	40	49	43
Commercial Baking	11	9	8	9	13	9	11	6
Commercial Cooking	26	35	30	35	42	1	1	
Computer Accounting Technician	70	66	37	49	25	42	54	61
Computer Analyst/Programmer	78	75	69	56	56	84	70	88
Computer Skills for Business	26							
Computer Support Training			42	38				
Constable Development	15							
Creative Communications	40	33	36	46	42	44	43	48
Culinary Arts						24	27	40
Entrepreneurship	55	8	18	29	18	11	12	
Experiential Library Technician	1	1						
Formation Entrepreneurship		14	11					
Graphic Design (All Levels)	34	19	34	32	30	39	35	39
Grill/Short Order Cook	17							
Health Information Technologist					13		20	
Health Record Technician	13	17	12					
Hotel and Restaurant Administration	40	28	32	29	26	24	25	21
Information Systems Technology								36
International Business				11	10	14	13	6
Legal Assistant	19							
Library and Information Technology		18		22		24	3	19
Library Technician			1	3	2			
Office Administration			15					
Office Technologist	32	43	72	18	9			
School Library Training	13							
Tourism			11	14	23	16	21	15
Tourism Careers for Youth			4					
Subtotal	**772**	**629**	**737**	**735**	**651**	**640**	**626**	**677**

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Developmental Education								
Adult Basic Education - PLA	35		1					
Academic for University /College Entry							12	23
Adult 10	122	115	46	44	30	29	28	18
Adult 11	84	82	56	64	52	31	13	18
Adult 12	12	26	25	29	24	12	10	16
Basic E.S.L. for Technology					5			
Basic English as a Second Language	198	217	193	192	190	103		
Bridge Program for College Entry	39	29	16	33	25	6	1	
Computers for ESL Learners					4			
Correctional Officer	24							
English for Academic Purposes	37	34	16	16	26	12	25	16
English for Business Communications				8	12			
English for Business Purposes		24	18				26	
English for Commercial Drivers							10	4
English for Communication					1	12		
English for Science and Technology	38	31	14					
English for Technical Studies								12
Intensive English for Integration/Job Preparation	35	13						
Intensive ESL – All Levels							181	97
Introduction to Computer Accounting Technology						9	14	7
Introduction to Business							27	37
Introduction to Community Service			18	2				
Job Readiness and Training/Literacy Skills Development	2	8						
Life Skills/Job Readiness		17						
Subtotal	**626**	**596**	**403**	**388**	**369**	**214**	**347**	**248**
Industrial Technologies								
Advanced Welding	6		4	3		5		
Aircraft Gas Turbine Engine Repair		11						
Architectural Computer Aided Drafting Technology			20	18	17	17	18	
Architectural Drafting	20	22						
Automotive Technician	42	62	44	46	45	44	32	41
Basic Welding		10						
Building Design CAD Technology								12

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Canadian Transport	17							
Carpentry and Woodworking	25	24	33	29	24	22	16	23
Civil Technician			5	3	7	3	1	1
Civil Technology				2			1	
Computer Numerical Control Machine Operator	10	11	15	13	13	12	7	2
Collision Refinishing								4
Collision Repair and Refinishing	20	20	23	18	9	12	17	20
Design & Construction Technology		3	16	13	18	15	6	11
Diesel Mechanics	41	45	39	37	1			
Electrical	20	20	11	10	13	9	19	35
Engineering Design & Construction	9							
Environmental Protection Technology							7	7
Geographic Information Systems Technology (GIS)	11				12	13	16	9
Geomatics Technology						3	8	5
Greenspace Management							9	11
Heavy Duty Equipment Mechanic					20	34	26	30
Heavy Duty Equipment Technician					7	3	4	4
Heavy Equipment/Truck Driver Training	17	5						
Industrial Woodworking	15							
Machine Computer Aided Drafting Technology			18	15	20	12	16	
Machine Drafting	11	9						
Machine Shop Practice	17	34	77	46	17	28	5	3
Manufacturing Design Computer Aided Drafting Technology								5
Manufacturing Technician					3	7		13
Masonry	7	8						
Mechanical Engineering Technology	22	20	23	24	15	13	22	5
Mechanical Systems Computer Aided Drafting Technology			13	8	11	18	8	3
Mechanical Systems Drafting	10	10						
Motive Power Technician			17					
Municipal Technology		19	27	29	11	17	27	20

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Piping Trades	16	16	13	14	9	15	10	29
Plumbing Cross Connection Control	7		13	10	9	12	11	4
Power Engineer - All Classes	41	11	25	8	29	29	35	27
Power Equipment Technician		4	16	12	12	10	13	7
Precision Metal Fabrication			6					
Precision Sheet Metal	16	13						
Pre-technology for Women	11							
Pre-trades Orientation Program	4							
Professional Re-entry Preparation Program	14							
Refrigeration and Air Conditioning			15	15	14	13	12	16
Small Engine Repair	11							
Structural Computer Aided Drafting Technology			19	16	20	15	17	
Structural Drafting	18	20						
Structural Engineering Technology	13							
Structural Technology			6	13	10	11	17	11
Survey Engineering Technology	7							
Survey Technology			1	5	5			1
Upholstery	4	12	1					
Welding	13	9	14	13	13	16	29	24
Wood Products Manufacturing						4	9	6
Subtotal	**495**	**418**	**514**	**420**	**384**	**412**	**418**	**389**
Regional Centers								
Applied Counselling Skills						6	18	9
Automotive Repair					8			
Business & Administration Studies							6	8
Business Accounting & Management						2		
Carpentry						3		
Accounting						6	5	
Health Care Aide					1	31	52	129
Office Technician Program					8	28	21	19
Police & Security Studies							6	
Receptionist/Office Clerk								18
Subtotal	**0**	**0**	**0**	**0**	**17**	**76**	**108**	**183**

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College								
Student Services								
American Sign Language - English	13		12		10	1	11	2
Deaf Literacy Program		1	2	10				
Deaf Studies							1	12
Subtotal	**13**	**1**	**14**	**10**	**10**	**1**	**12**	**14**
Total*	**2,942**	**2,473**	**2,485**	**2,175**	**2,094**	**1,865**	**2,042**	**2,086**

Note:
- Does not include Apprentices as they receive their certification from the Province of Manitoba.

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Assiniboine Community College								
Base Budget								
Aboriginal Community Development				11	18	12	11	14
Agribusiness	10	11	25	19	44	45	42	45
Automotive Electronics	10							
Automotive Technician/Technology		8	6	10	7	8	13	9
Business Accountancy	31	34						
Business Administration	65	62	77	81	85	88	77	86
Call Centre Agent			5					
Carpentry and Woodworking	10	8	13	7	8	9	12	11
Child Care Centre Administration	10		7	7	12		4	1
Community Social Development Worker	13	13	11	18	17	13	19	18
Computer Systems Technician								6
Computer Systems Technology								8
Construction Electrician								13
Developmental Studies	35							
Early Childhood Education [3]	11	22	18	20	20	16	20	19
Electrical Engineering Technology	10	9	6	6				
Electronic Technician	12	12	6		19	16	16	
Farm Machinery Mechanic	12	13	8	8				
Farm Equipment Technician				11		7	9	2
General Business (All locations)	8	12	3	4	17	8	12	17
Health Care Aide (Comprehensive)	21	11	22	16	26	20	55	59
Heavy Duty Electronics	11	8						
Heavy Duty Mechanic	20	25	10	6				
Heavy Duty Equipment Technician				9	4	14	14	28
Hospitality/Tourism Administration	14	20	15	17	11	20	14	17
Industrial Metals Fabrication			8	8	6	10	18	16
John Deere Agricultural Technology						11	14	
Machine Shop	7							
Mature Student High School				46	52	35	44	52
Media Production	19	19	17	21		19	17	11
Nursing (LPN)	34	16	18		19	46	60	166
Office Administration (All locations)			16	81	48	65	43	61
Office Skills Refresher	5	8						
Piping Trades	16	14	11	12	12	14	10	10

Note:
3. Child Care Services changed to Early Childhood Education in 1995/96.

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Assiniboine Community College								
Professional Cooking				11	10	7	11	7
Recreational Vehicle Technician			7	8				
Rural Development				6	8	3	14	12
Rural Initiatives	13	11	12					
Secretarial	42	37						
Sustainable Shelter Technology	5	7						
Swine Technician				2	5		7	3
Telecommunications Engineering Technology	8	7						
Truck/Transport/Bus Technician							1	
Subtotal	**452**	**387**	**321**	**445**	**448**	**486**	**557**	**691**
Regional Centers - Parkland Campus								
Automotive Technician	7	2		1	1			
Business Administration	14	17	21	12	12	17	12	18
Career Decision Making	9	17	8					
College Preparation		16	12	11				8
Comprehensive Health Care Aide			20	14	13	19	16	12
Developmental Studies	19							
Early Childhood Education								14
General Business	2	4	2	4	1	3	3	
Integrated Motive Power Trades								9
Office Administration				7	6	11	12	7
Skills for Small Business	13							
Subtotal	**64**	**56**	**63**	**49**	**33**	**50**	**43**	**68**
Total	**516**	**443**	**384**	**494**	**481**	**536**	**600**	**759**

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Keewatin Community College								
Core Programs								
Accounting Clerk	6		1					
Administrative Assistant		14	11	9	7	4	2	5
Advanced Computer Application Skills		9	17	13		7		
Automotive Technician								3
Band & Northern Comm Administration	4	4		4	5	5		
Basic Electrical	5	10		4	6	8	5	7
Business Accountancy	4	2	2	10	2	4		
Business Administration	15	16	17	19	27	31	20	9
Career Choices in Mechanics				4				
Carpentry Woodwork	4	4	6	8	6	6	7	1
Chemical Engineering Technology					7	2	4	5
College Preparation	76	107	97	128	120	70		
Commercial Cooking			8	12	7	7	6	5
Computer Business Applications	11	14	19	18	14	9	15	9
Computer Business Skills	12	11	11	16	18	8	12	18
Computer Office Skills			2	5	1	2		
Computer Program/ Analyst	3	4	7	6	7	17	13	11
Computer Systems Technician				4	8			
Computer Systems Technology						7	3	3
Dental Assisting	18	22	19	19	14	8	10	10
Early Childhood Education							9	4
Eco tourism							1	
Electronic Repair Technician	5	8	4					
Electronic/Electrical Technician			3			4	1	
Facilities Technician	11	19	17	9	10	13	6	13
First Nations National Resources Management						6		
General Studies							58	26
Health Care Aide							13	
Health Care Assistant			4	10				
Heavy Duty Mechanics	8	8			10	5	6	1
High School Build. Construction [4]	4							
High School Power Mechanics [4]	9	4	5					
Industrial Mechanics/Machinists	6	6						
Industrial Mechanist / Millwright							3	2
Industrial Welding	4	1	3	8	5	4	7	9

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Keewatin Community College								
Law Enforce Career Prep	7	5	10	13	5	2		
Motor Vehicle Mechanics	5	4						
Natural Resource Management Technician	14	15	10	18	19	15	23	13
Nursing								
Northern Nursing		13	12	6	8			
Nursing (Diploma)	19	20	10	12	14			
Nursing Subtotal	**19**	**33**	**22**	**18**	**22**	**0**	**0**	**0**
Professional Cooking Basics	16	15						
Recreation Community Leader				5		3	3	
Secretarial Arts	7							
Transition Year Program						5		3
Total Keewatin Community College	**273**	**335**	**295**	**360**	**320**	**252**	**227**	**157**

Note:
4. High school students are those who have successfully competed courses required for high school graduation.

Table 2.4 con't...	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
École technique et professionnelle								
Adminstration des affaires (Business Administration)	25	27	30	36	30	27	22	19
Gestion de bureau (Office Management)	26	28	22	21	13	2	2	2
Éducation en services de garde (Early Childhood Education)	3	7	4	6	7	7	4	7
Aide en soins de santé (Health Care Aide)	3	17	37	18	4	16	37	33
Informatique (Computer Analyst)						5	6	6
Communication multimédia (Multimedia Communication)								11
Total École technique et professionnelle	**57**	**79**	**93**	**81**	**54**	**57**	**71**	**78**

CHAPTER 3 – ACCESS PROGRAMS

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CHAPTER 3 – ACCESS PROGRAMS

3.0 Background

The ACCESS Programs were established in the 1970's to enhance accessibility to Manitoba's post-secondary institutions for individuals who would not otherwise have the opportunity to attend due to geographic, financial, social, and academic barriers. Priority groups consist of northern Manitobans, Aboriginal people, single parents, women, immigrants, visible minorities, and people with disabilities. ACCESS Programs provide academic and personal supports as required to assist students with completing their course of study.

In 2000/01, administrative responsibility for the ACCESS Programs transferred to the Council on Post-Secondary Education. Data on student demographics and student funding sources is reported for the 2000/01 academic year only. Data on graduate employment outcomes is reported for the years between 1999/00 and 2000/01, and student intake, enrollment and graduate data is reported for the five-year period between 1996/97 and 2000/01.

3.1 ACCESS Programs by Institution

Five post-secondary institutions deliver the twelve ACCESS Programs shown in Table 3.1. There are two teacher education programs, one off-campus UW program at the Winnipeg Education Centre (WEC-Ed), and the Brandon University Northern Teacher Education Program (BUNTEP) delivered in remote communities and regional centres in the North.

There are two Social Work Programs offered by the UM in Thompson for northern residents, and off-campus at WEC for Winnipeg residents. There are also two Nursing Programs, one is a preparation year delivered by KCC, and the other is delivered by RRC for residents of southern Manitoba.

Two general on-campus ACCESS programs also exist, one each at RRC and UM, in which students may enroll in any field of study. The UM has three other on-campus ACCESS programs, all of which are intended for Aboriginal students. These programs are Engineering, Pre-Medical Studies, and a separate program for students that advance to a medical faculty.

Table 3.1 - ACCESS Programs by Institution

Institution	ACCESS Program
Brandon University	• **Brandon University Northern Teacher Education Program (BUNTEP)** An off-campus Bachelor of Education degree program serving the students in northern and rural Manitoba
University of Manitoba	• **University of Manitoba ACCESS Program – North and South (UMAP N&S)** A program providing access to educational opportunities on-campus at the UM for northern and rural residents • **Special Pre-Medical Studies Program (SPSP)** A two-to four-year program preparing Aboriginal students for entry into medical and dental school or other health-related facilities • **Professional Health Program (PHP)** A program providing support to students in the faculties of Medicine, Dentistry, Pharmacy, and Medical Rehabilitation for those who have gained admission to these faculties • **Northern Bachelor of Social Work Program (NBSWP)** A Bachelor of Social Work program in Thompson • **Winnipeg Education Centre – Social Work Program (WEC-SWP)** An off-campus Bachelor of Social Work program that trains social workers for Winnipeg's inner city • **Engineering ACCESS Program (ENGAP)** A program offering a four-year Bachelor of Engineering degree for Aboriginal students
University of Winnipeg	• **Winnipeg Education Centre – Education Program (WEC-Ed)** An off-campus Bachelor of Education program that trains teachers for Winnipeg's inner city
Red River College	• **Community College ACCESS Program – North & South (CCAP N&S)** A program that provides opportunities for northern and rural residents to obtain college diplomas and certificates • **Southern Nursing Program (SNP)** A ten-month certificate program designed to enable applicants from southern Manitoba who do not meet the educational requirements for the joint Baccalaureate Nursing Program to acquire the skills to enter the program.
Keewatin Community College	• **Northern Nursing Program (NNP)** A ten-month certificate program designed to enable applicants from northern Manitoba who do not meet the educational requirements for the Baccalaureate Nursing Program to acquire the skills to enter this program • **Health Education ACCESS Program (HEAP)** A program that prepares individuals to gain the prerequisites necessary to enter a program in the health field

3.2 Student Intake, Enrollment and Graduates

ACCESS programs are unique in the number of intakes per year, completion dates, overall enrollment, and graduation rates. ACCESS student enrollment data is included in each institution's total enrollment count.

As the data in Table 3.2 show, total enrollment in ACCESS programs increased annually between 1996/97 and 2000/01, and overall by 171 students or 19.7%. There were major increases in several programs including the Brandon University Northern Teacher Education Program (BUNTEP) (39 students or 23%), Special Pre-Medical Studies Program (SPSP) (15 students or 29%), and the Northern Bachelor of Social Work Program (NBSWP) (18 students or 28%).

Between 1996/97 and 2000/01, enrollment in the University of Manitoba ACCESS Program – North & South (UMAP-N&S) almost doubled from 83 to 165 students. Other major enrollment increases were in the Nursing ACCESS Programs (Southern Nursing Program (SNP) at RRC which increased by 34 students or 39%, and the Northern Nursing Program (NNP) and ACCESS Nursing (AN) Programs at KCC which increased by 18 students or 43% over the five-year period.

The data also show there was an increase of 19% or 22 graduates in total from the ACCESS programs between 1996/97 and 2000/01. The number of graduates fluctuates each year. This can be attributed to several factors including changes to programs, graduation requirements, access to student financial assistance, and start time and length of time taken for completing programs.

Table 3.2 - Student Intake, Enrollment and Graduates

ACCESS Program	Academic Year 1996/97 – 2000/01														
	1996/97			1997/98			1998/99			1999/00			2000/01		
	I[1]	E[2]	G[3]	I	E	G	I	E	G	I	E	G	I	E	G
BUNTEP	92	168	11	37	143	19	67	159	12	99	187	28	49	207	16
UMAP-N&S	22	83	9	29	87	7	42	112	10	47	135	3	54	165	12
SPSP	12	52	9	19	55	2	21	62	8	14	60	6	22	67	7
PHP	5	20	2	4	24	3	3	24	6	6	22	5	5	16	5
NBSWP	22	65	10	30	107	12	27	87	16	34	94	10	38	83	11
WEC-ED	28	96	16	18	78	4	14	65	7	22	66	18	24	73	7
WEC-SWP	24	73	9	19	88	16	21	76	9	25	87	12	31	82	14
ENGAP	12	41	2	28	63	5	23	57	7	14	42	5	18	39	11
CCAP-N&S	78	139	22	78	136	17	60	135	29	59	165	14	57	124	16
SNP	45	87	12	47	93	19	40	118	22	44	133	0	44	121	38
NNP[4]	22	36	10	1	30	4	18	17	5	15	17	16	6	60	0
AN-The Pas[4]	5	6	3	10	10	3	1	5	2	-	-	-	-	-	-
HEAP[5]	-	-	-	-	-	-	-	-	-	17	0	-	-	-	-
Total	**367**	**866**	**115**	**320**	**914**	**111**	**337**	**917**	**133**	**396**	**1,025**	**117**	**348**	**1,037**	**137**

Notes:
- See Table 3.1 for a complete description of ACCESS programs
1. I – Intake (Number of students accepted into Year 1 of the Program).
2. E – Enrollment (Number of students enrolled in all years of the Program).
3. G – Graduates (Number of students graduating from the final year of the Program).
4. In 1999/00 KCC combined NNP and ACCESS Nursing (AN)-The Pas. The first graduates from this program will be in 2001/02.
5. 1999/00 was the only year that HEAP was offered at KCC.

3.3 Student Demographics

Table 3.3 provides a profile of the demographics of students enrolled in ACCESS programs in the 2000/01 year. As indicated, Aboriginal students comprised 70.5% (648 students) of the total ACCESS program enrollment. The remaining 29.5% of students enrolled consisted of immigrants/refugees, visible minorities, people with disabilities, and other/non-Aboriginal individuals. The majority of ACCESS program students (82.6% or 755 students) were women, and 17.4% or 159 were men. Additionally, 622 students or 68% were single or single parents and 284 or 31% of students were married/common law.

Table 3.3 - Student Demographics

Student Demographics	Academic Year 2000/01
All Students by Demographic Group	
Status/Inuit	475
Non-Status/Metis	173
Immigrant/Refugee	38
Visible Minority	26
Disabled	4
Other/ Non Aboriginal	190
Unknown	13
Total[1]	**919**
% Aboriginal	**70.5%**
All Students by Gender	
Male	159
Female	755
Total[1]	**914**
% Female	**82.6%**
All Students by Marital Status	
Single parents	288
Single	334
Married/ Common Law	284
Unknown	8
Total[1]	**914**

Notes:
- Data is a snap shot at February. Only those students enrolled in classes in February are counted.
1. Students may belong to more than one demographic group, thus 'Total' numbers may be different from gender and marital status.

3.4 Graduate Employment Outcomes

ACCESS program graduates are surveyed annually to determine the success of graduate employment outcomes. As Table 3.4 shows, almost all (97.4%) ACCESS graduates either found employment or were continuing their education in 2001/02. About 1.8% of graduates were unemployed. The data also show that of those ACCESS graduates employed in 2001/02, all (100%) found jobs related to their field of study.

The years between 1999/00 and 2001/02 show a trend where, as a percentage of total graduates from ACCESS programs, those employed full- or part-time have decreased from 82.9% to 66.7%, while graduates continuing their education have increased from 7.9% to 30.7%.

Table 3.4 - Graduate Employment Outcomes

Graduate Employment Outcomes	Academic Year 1999/00 – 2001/02		
	1999/00	2000/01	2001/02
Employment status following graduation			
Employed full-time (more than 30 hrs/wk)	61	63	73
Employed part-time (less than 30 hrs/wk)	2	2	3
Unemployed[1]	2	6	2
Continuing Education	6	12	35
Not in labour force[2]	1	3	0
Not known	4	2	1
Total Graduates	**76**	**88**	**114**
Percent Employed or Continuing Education	**90.7%**	**87.5%**	**97.4%**
Relationship between field of study and employment			
Directly related	57	61	76
Somewhat related	5	3	0
Not related	1	1	0
Total employed	**63**	**65**	**76**
Percent Directly or Somewhat Related	**98.4%**	**98.5%**	**100%**

Notes:
- Data is a snap shot in time at February.
- The surveys include only those students graduating on or before January of each year.

1. Must be actively seeking employment but unemployed.
2. Not actively seeking employment.

3.5 Student Funding Sources

Financial assistance is provided to eligible students through federal loans and provincial bursaries. In 2000/01, the Government provided $1.3 million in non-repayable ACCESS bursaries. As Table 3.5 shows, approximately 217 ACCESS students (23.9%) received provincial bursaries in 2000/01. All ACCESS students are expected to take a student loan to be eligible to receive the ACCESS bursary. Student needs are assessed through the Canada Student Loan Program.

Of the ACCESS students who did not receive bursary support, 439 students (48.4%) received funding from their First Nations communities, 59 students (6.5%) received Non-ACCESS Student Financial Assistance, 141 students (15.5%) were self-funded, and the remaining 51 students (5.6%) received funding from other sources.

Table 3.5 - Student Funding Sources

Funding Source	Academic Year
	2000/01
ACCESS Bursary	217
First Nations	439
Self Supporting	141
Non-ACCESS Student Aid	59
Social Assistance	25
Metis/MMF	13
Other	13
Total	**907**

Notes:
- Data reported at February.
- Students can receive support from more than one funding source.

3.6 Operating Grants

In additional to providing student financial assistance in the form of non-repayable bursaries, the Council on Post-Secondary Education also provides institutional support or operating grants to the post-secondary institutions that offer ACCESS programs. These grants are used for classroom programming and personal supports required for students associated with the ACCESS programs. In 2000/01, the Government provided institutional grants totaling $5.1 million to the post-secondary institutions for ACCESS programs.

CHAPTER 4 – OTHER FUNDED PROGRAMS AND INSTITUTIONS

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CHAPTER 4 – OTHER FUNDED PROGRAMS AND INSTITUTIONS

4.1 Campus Manitoba

4.1.1 Background

Campus Manitoba (CMB) is a consortium of Manitoba's publicly funded universities and colleges that provides access to post-secondary education to Manitobans through the use of a broad selection of learning technologies. Funded by the Council on Post-Secondary Education, CMB makes post-secondary education widely accessible, serving those who live both far and near from main campuses, or who need alternatives to begin or complete programs.

CMB began as a First Year by Distance Education (FYDE) pilot program in September 1990. FYDE was a co-operative initiative involving the Government, UM, UW and BU, the local school jurisdictions, community representatives, and Inter-Universities North (IUN). The FYDE Program provided full-time first year university study in Arts and Science by distance education in four northern and remote centres including Dauphin, Thompson, The Pas, and Flin Flon. In 1998, the mandate of the FYDE Program was expanded, and the program was officially renamed CMB to reflect the wide-ranging course offerings at the undergraduate level.

CMB now offers over 50 courses in several sites throughout the province. Over the last two years, CMB has been developing a web-based application and registration system that is expected to be fully operational by fall 2003.

4.1.2 Initial Course Registrations

As data in Table 4.1.2 show, CMB course registrations have increased significantly in the years between 1998/99 and 2000/01. In the year between 1998/99 and 1999/00, course registrations more than doubled from 414 to 883, and then increased again by 11.8% to 987 registrations in the following year.

Those communities with the highest number of course registrations had the largest increases in registrations over the two-year period. These communities include Swan River (134 registrations), Southport (133 registrations), Carman (93 registrations), and Thompson (50 registrations).

Table 4.1.2 - Initial Course Registrations

Community	Academic Year 1998/99 – 2000/01		
	1998/99	1999/00	2000/01
Brandon	0	16	15
Boissevain	1	3	23
Carman	32	107	125
Dauphin	54	99	44
Eriksdale	2	46	35
Flin Flon	68	58	89
Gimli	1	2	11
Killarney	1	2	22
Southport	12	106	145
Swan River	75	168	209
The Pas	66	70	88
Thompson	92	142	142
White Bear, SK	1	22	30
Other	9	42	9
Total	**414**	**883**	**987**

Notes:
- Initial course registrations do not factor in those students who leave prior to the start date of the course.
- Initial course registrations are not the same as enrollment as one student could be enrolled in more than one course.

4.1.3 Credit Hours by Community

Total credit hours by community, as shown in Table 4.1.3 have more than doubled from 1,764 in 1998/99 to 3,885 in 2000/01. Similar to the initial course registration data, those communities with the higher numbers of course credit hours had the largest increases in credit hours over the two-year period. These communities are Southport (525 credit hours), Swan River (507 credit hours), Carman (381 credit hours), and Thompson (240 credit hours).

Table 4.1.3 - Credit Hours by Community

Community	Academic Year 1998/99 – 2000/01		
	1998/99	1999/00	2000/01
Brandon	0	48	45
Boissevain	6	12	87
Carman	132	471	513
Dauphin	222	402	186
Eriksdale	12	201	147
Flin Flon	288	270	378
Gimli	6	12	48
Killarney	6	12	96
Southport	72	408	597
Swan River	309	696	816
The Pas	288	291	339
Thompson	381	555	621
White Bear, SK	6	90	105
Other	42	192	39
Total	**1,764**	**3,600**	**3,885**

4.2 Inter-Universities North

4.2.1 Background

Inter-Universities North (IUN) is a consortium of UM, UW, and BU that was established in 1971/72 to deliver university degree credit courses and related student support services in communities north of the 53rd parallel. Students who register through IUN may transfer courses, grades and credits among the three universities, and the courses satisfy the residency requirements for degrees at the universities.

IUN is administered by KCC and offers courses primarily in the areas of undergraduate arts, social sciences, business administration and education. IUN also supports several university courses and programs.

The On-Site programs offered by IUN provide both full and part-time study opportunities by instructors who travel to the northern communities. Credit courses are offered in response to identified needs, subject to budget limitations.

IUN was initially offered in over 30 communities. However, with the development of Campus Manitoba and other programs such as KCC's community-based learning initiatives, IUN courses are now offered in fewer communities.

4.2.2 Course Enrollments in On-Site Programs

As Table 4.2.2 shows, course enrollments in IUN's On-Site programs increased overall by 125 enrollments or 11.4% between 1996/97 and 2000/01. Enrollment fluctuated in the late 1990's, then increased sharply by 202 enrollments or 19.9% between 1999/00 and 2000/01. Those communities showing the largest increases in course enrollments in that year were Norway House (204 enrollments), Thompson (167 enrollments) and The Pas (48 enrollments).

Table 4.2.2 - Course Enrollments in On-Site Programs

Community	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Brochet				14	
Chemawawin	19				
Cranberry Portage	18	16			
Cross Lake	292	242	157	37	
Flin Flon	12				
Fox Lake			23		
Garden Hill	12		16		
God's River	27		10		
Gods Lake Narrows	63	32			
Indian Birch			19		
Lac Brochet		26	19		
Lynn Lake					13
Nelson House	232	197	32	64	51
Norway House	209	292	321	213	417
Oxford House			14		
Poplar River		12			
Red Sucker Lake	9				
Sapotaweyak			10		
Shamattawa			18	12	
Split Lake	7	133	94	67	
St. Theresa Point	50	24	9	4	
The Pas			13	79	127
Thompson	142	222	338	417	584
War Lake			30	108	25
York Landing			17		
Total	**1,092**	**1,196**	**1,140**	**1,015**	**1,217**

Note:
- Data in this table counts students each time they enroll in a course, therefore there is double counting, i.e., if students are enrolled in three courses they are counted three times.

4.3 Private Religious Institutions

4.3.1 Background

There are four private religious degree-granting institutions that receive a small grant from the Council on Post-Secondary Education. This funding is to support enrollment in non-theological, non-denominational courses. The private religious institutions are the Canadian Mennonite University (CMU), Providence College and Seminary (PCS), William and Catherine Booth College (WCBC), and Steinbach Bible College (SBC).

Enrollment and graduation data from the private religious institutions are available for two years: 1999/00 and 2000/01, and are presented in the tables that follow.

4.3.2 Total Enrollment by Program – Regular Session

As the data in Table 4.3.2 show, total regular session enrollment increased at all four private religious institutions between 1999/00 and 2000/00. Overall, enrollment increased by 288 students or 20.8% over the two-year period.

Table 4.3.2 - Total Enrollment by Program – Regular Session

Institution by Program		Academic Year 1999/00 – 2000/01			
		1999/00		2000/01	
		FT	PT	FT	PT
Canadian Mennonite University					
	Arts & Music	196	169	247	107
	School of Discipleship	40		61	
	Subtotal	**236**	**169**	**308**	**107**
	Total CMU	**405**		**415**	
Providence College and Seminary[1]					
	College	345	72	379	57
	Graduate	120	102	134	85
	Subtotal	**465**	**174**	**513**	**142**
	Total PCS	**639**		**655**	
Steinbach Bible College[1]					
	Bible Studies and Arts	79	3	74	24
	Total SCB	**82**		**98**	
William and Catherine Booth College					
	Pre-degree programs	10	4	4	4
	Arts	3	18	6	11
	Christian Education	4			
	Pastoral Ministries	2		3	
	Youth Ministries	2		1	4
	Social Work	12	7	19	4
	Theology	2		5	
	Non-program	29	165	64	378
	Subtotal	**64**	**193**	**102**	**401**
	Total WCBC	**257**		**503**	
	Grand Subtotal	**844**	**539**	**997**	**674**
Grand Total		**1,383**		**1,671**	

Notes:
- Total enrollment at these institutions includes both theological/denominational and non-theological/non-denominational courses.
- Total enrollment includes both undergraduate and graduate students.

1. Providence College and Seminary and Steinbach Bible College could not calculate these numbers on a program basis historically because of the limitations of the student tracking system. This will be done in the future.

4.3.3 Total Enrollment by Program – Spring/Summer Session

Similar to the trend for total regular session enrollment, Table 4.3.3 shows that total spring and summer session enrollment increased overall at the private religious institutions by 47 students or 26.7% over the two-year period.

Table 4.3.3 –Total Enrollment by Program – Spring/Summer Session

Institution by Program		Academic Year 1999 – 2000			
		1999		2000	
		FT	PT	FT	PT
Canadian Mennonite University					
	Arts	N/A	N/A	0	15
	Total CMU	**N/A**		**15**	
Providence College and Seminary					
	Subtotal	**36**	**86**	**40**	**80**
	Total PCS	**122**		**120**	
William and Catherine Booth College					
	Arts		39		72
	Social Work		4		2
	Non-program		11		14
	Subtotal	**N/A**	**54**	**N/A**	**88**
	Total WCBC	**54**		**88**	
Grand Subtotal		**36**	**140**	**40**	**183**
Grand Total		**176**		**223**	

Notes:
- Steinbach Bible College does not offer spring or summer classes.
- Total enrollment at these institutions includes both theological/denominational and non-theological/non-denominational courses.
- Total enrollment includes both undergraduate and graduate students.

4.3.4 Eligible Enrollment by Institution

As noted in Table 4.3.4, eligible enrollment is the total enrollment of all non-theological, non-denominational courses at the private religious colleges. As CMU receives funding for all of its courses, the institution does not report eligible enrollments.

Consistent with previous data, eligible enrollment by institution shows an overall increase of 139 students or 23.4% between 1999/00 and 2000/01.

Table 4.3.4 - Eligible Enrollment by Institution

Institution		Academic Year 1999/00 – 2000/01	
		1999/00	2000/01
Providence College and Seminary			
	FT	355	381
	PT	48	54
	Total PCS	**403**	**435**
Steinbach Bible College			
	FT	41	24
	PT	16	33
	Total SBC	**57**	**57**
William and Catherine Booth College			
	FT	64	102
	PT	70	139
	Total WCBC	**134**	**241**
Grand Total		**594**	**733**

Notes:
- Canadian Mennonite University receives funding for all of its courses, therefore it does not report eligible enrollments.
- Eligible enrollment is the total enrollment in all non-theological, non-denominational courses at the private religious colleges.

4.3.5 Graduates by Program

Table 4.3.5 shows little change in the number of graduates at the private religious colleges between 1999 and 2000. Overall, the number of graduates declined by 10 or 4% over the two-year period.

Table 4.3.5 - Graduates by Program

Institution by Program		Academic Year 1999-2000	
		1999	2000
Providence College and Seminary			
	Certificates	65	73
	Diploma	15	13
	Bachelor of Arts	70	64
	Bachelor of Fine Arts	7	9
	Bachelor of Theology	1	1
	Master of Arts	32	31
	Master of Divinity	4	6
	Total PCS	**194**	**197**
Steinbach Bible College			
	Bachelor of Arts	12	9
	Diploma in Biblical Studies	15	10
	Total SBC	**27**	**19**
William and Catherine Booth College			
	Certificate	7	6
	Diploma	3	
	Bachelor of Arts (Biblical & Theological Studies)	9	10
	Bachelor of Arts AD Christian Ministries (Social Work)	10	5
	Bachelor of Theology	1	
	Bachelor of Arts AD Christian Ministries (Christian Edu.)		4
	Total WCBC	**30**	**25**
Grand Total		**251**	**241**

Note:
- Canadian Mennonite University's first cohort of graduates will be in 2001.

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CHAPTER 5 – TUITION FEES

5.0 Background

The information on tuition fees was obtained from a variety of sources. The weighted university tuition fee information is from Statistics Canada's annual *Tuition and Living Accommodations Survey.* Statistics Canada is considered to be the best data source when making national comparisons. This data is found in Tables 5.1.1 and 5.2.1. Additional tuition fee information is found in Tables 5.1.2, 5.2.2 and 5.3.1 and is provided by the institutions annually.

Statistics Canada has weighted the tuition fee data using enrollment data. Weighting the tuition fees provides a strong and reliable indicator of the amount that the majority of students are paying, using a historical perspective. A weighted average considers the proportion of students in each field of study, allowing for a consistent view of fees over time. It is noted that weighting at the provincial and institutional levels is different. Institutional data cannot be averaged to equal the provincial data.

Community colleges' tuition fee data were historically collected from Statistics Canada. More recently however, colleges have been providing the data directly to the Council on Post-Secondary Education.

5.1 Manitoba Universities and Colleges

5.1.1 Universities

As table 5.1.1 shows, tuition fees increased by 18 to 37% at the four universities between 1996/97 and 1999/00. Between 1999/00 and 2000/01, however, tuition had decreased by an average of 9.3% for all Manitoba universities.

In 2000/01, tuition fees in Manitoba were reduced by 10% from 1999/00 levels. Since the numbers in the table are weighted by Statistics Canada[1], the reduction appears to be less than 10% for the University of Manitoba. The 10% reduction applied to all full and part-time students in for-credit programs leading to a graduate or undergraduate degree.

In the same year as the 10% tuition fee decrease, the Council reimbursed institutions for the 10% reduction and provided colleges and universities with additional funding in recognition of the fact they were unable to raise additional revenue through increases in tuition fees.

[1] These figures are calculated by Statistics Canada and are provided to the Council on Post-Secondary Education. In their weighting formula, Statistics Canada varies tuition fees of each institution based on their enrollments. The differences noticed in the 10% fee reduction occur because of the weighting.

Table 5.1.1 - University Arts and Science Tuition (Weighted Average)

University	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
University of Manitoba	$2,621	$2,734	$2,856	$3,196	$2,961
University of Winnipeg	2,825	2,966	3,084	3,331	2,998
Brandon University	2,322	2,521	2,929	3,179	2,861
Collège universitaire de Saint-Boniface	2,700	2,846	3,012	3,198	2,878

Source: Statistics Canada's Tuition and Living Accommodations Survey
Notes:
- The average of these figures is not equal to the data in Table 5.2.1 because the weighting formula is different.
- Includes data only for arts and science faculties, and does not include professional faculties or schools. Arts and Science tuition has little variance among the universities.

5.1.2 Colleges

Consistent with the trend among universities, tuition fees increased steadily at all four colleges between 1993/94 and 1999/00, and overall by 73%, as shown in Table 5.1.2. This was followed by a decrease of 10% in 2000/01. The 10% fee reduction in 2000/01 was applied to students in for-credit Council-funded programs leading to a certificate or diploma.

Table 5.1.2 - College Tuition (Unweighted Average)

College	Academic Year 1993/94 – 2000/01							
	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Red River College	$825	$866	$909	$1,044	$1,201	$1,269	$1,413	$1,272
Assiniboine Community College	825	866	909	1,059	1,218	1,369	1,466	1,310
Keewatin Community College	825	866	909	1,045	1,254	1,302	1,426	1,283
École technique et professionelle	825	866	909	1,076	1,218	1,351	1,412	1,274

Source:
Statistics Canada (1993/94 to 1999/00), Institutions (2000 and 2001). ÉTP provided data for all years as it is not included in Statistics Canada's data collection.
Note:
Includes data for college tuition only, and does not include any other fees associated with college attendance. Tuition has little variance among the colleges.

5.2 Inter-Provincial Comparisons

5.2.1 Universities

Table 5.2.1 shows that between 1996/97 and 1998/99, tuition fees increased in all provinces. On average, fees increased in Canada by $417 or 15.6% over that time period. The lowest fees occurred in Quebec and the highest in Nova Scotia.

The data also show that Newfoundland held tuition constant between 1997/98 and 1998/99, while fees declined slightly in British Columbia between 1996/97 and 1997/98 and in Quebec between 1997/98 and 1998/99.

From 1999/00 to 2000/01, tuition fees increased again in most provinces with the following exceptions: Manitoba decreased tuition by 10.0%, and Newfoundland and Prince Edward Island held fees constant at 0%. Of all provinces, Manitoba had the third lowest tuition fee increase over the five-year period.

Table 5.2.1 - Inter-provincial University Arts and Science Tuition (Weighted Average)

Year	Province										
	Canada	NFLD	PEI	NS	NB	QUE[1]	ON	MB	SK	AB	BC[2]
1996/97	$2,666	$2,670	$2,920	$3,575	$2,801	$1,609	$2,951	**$2,573**	$2,659	$2,924	$2,552
1997/98	2,902	3,150	3,150	3,850	3,035	1,817	3,243	**2,724**	3,006	3,178	2,447
1998/99	3,083	3,150	3,310	4,034	3,231	1,815	3,536	**2,875**	3,190	3,432	2,454
1999/00	3,319	3,300	3,480	4,230	3,371	1,841	3,870	**3,192**	3,234	3,641	2,530
2000/01	3,414	3,300	3,480	4,581	3,574	1,850	3,972	**2,938**	3,507	3,834	2,557

Source: Statistics Canada's Tuition and Living Accommodations Survey.
Notes:
- Using the most current enrollment data available, average tuition fees have been weighted by the number of students. Statistics Canada believes a weighted tuition fee provides a strong and reliable indicator of what the majority of undergraduate students are paying when seeking historical comparison. A weighted average considers the proportion of students in each field of study. This allows for a consistent view of fees at the undergraduate level over time.
1. Fees for both in and out of province students are included in the weighted average calculation. Quebec began charging non-Quebecois Canadian residents a differential fee in 1997/98.
2. Fees at both BC public and private institutions are included in the weighted average calculation.

5.2.2 Colleges

Prior to 1993, community colleges in Manitoba were a branch within government. In 1993 *The Colleges Act* was proclaimed thus transferring community colleges to autonomous board-governed institutions. With this change, the colleges' Boards of Governors were given the authority to determine fees for all college programs.

Currently, college students' tuition fees cover 5% to 15% of the cost of a college program while university students typically pay closer to 20% to 33% of the cost of a university program.

Table 5.2.2 shows that from 1993/94 to 2000/01, tuition at Manitoba's colleges increased by $467 or 56.6%. Over that time period, many provinces did not consistently increase tuition fees on a year-to-year basis. In comparison with other provinces, Manitoba had the third lowest college tuition fee increase over the eight-year period. Those provinces with lower increases were British Columbia (2%) and Prince Edward Island (41%). In 2000/01, college tuition in Manitoba was reduced by 10% in accordance with government policy, In that year Manitoba had the lowest average college tuition fees in Canada at $1,292.

Table 5.2.2 - Inter-provincial College Tuition (Unweighted Average)

Year	Province								
	NFLD	PEI	NS	NB	ON	MB	SK	AB	BC
1993/94	$800	$1,420	$767	$600	$916	**$825**	$1,062	$946	$1,315
1994/95	880	1,500	770	800	1,008	**865**	1,224	1,053	1,340
1995/96	1,000	1,500	800	800	1,109	**909**	1,386	1,142	1,340
1996/97	1,200	2,000	1,000	1,200	1,275	**1,049**	1,584	1,347	1,340
1997/98	1,320	2,000	1,000	1,600	1,403	**1,224**	1,727	1,668	1,340
1998/99	1,452	2,000	1,150	2,000	1,543	**1,322**	1,885	1,923	1,340
1999/00	1,452	2,000	1,500	2,400	1,684	**1,435**	2,055	2,130	1,340
2000/01	1,452	2,000	1,750	2,400	1,718	**1,292**	2,240	2,339	1,340

Source: Pre-1999/00 statistics came from the Government of Ontario's annual tuition survey. Post-2000 statistics were obtained through the annual Council on Post-Secondary Education telephone survey.
Notes:
- The Province of Quebec does not charge tuition fees at colleges (CEGEP), and therefore, is not included in this table.
- Data includes basic college tuition costs. It does not include other fees such as student fees, endowment fees, health plans, or technical/lab fees.

5.3 Private Religious Institutions

As part of their funding arrangement with Government, private religious institutions are expected to charge tuition for their academic programs at a rate that is not less than tuition fee rates at public post-secondary institutions in Manitoba offering comparable courses. Private religious institutions are not included in the government's 10% tuition fee reduction policy.

The percentage increases in tuition at each private religious institution vary widely, as shown in Table 5.3.1. For example, between 1999/00 and 2000/01, Providence College and Seminary increased tuition for undergraduate programs by $200 or 4.8% and by $240 or 5% for graduate programs. Tuition fees increased at Steinbach Bible College by $150 or 4.6%. William and Catherine Booth College had larger tuition fee increases of 29% for pre-degree (certificate and diploma) programs, and 21% for Arts programs.

Table 5.3.1 - Private Religious Institution Tuition by Program (Unweighted)

Private Religious Institution		Academic Year 1999/00 – 2000/01	
		1999/00	2000/01
Canadian Mennonite University			
	Arts	$ -	$3,200
	Music	-	4,070 - 4,570
Providence College and Seminary			
	Undergraduate	4,200	4,400
	Aviation Studies	9,200	9,400
	Graduate	4,710	4,950
Steinbach Bible College			
	Undergraduate	3,240	3,390
William and Catherine Booth College			
	Pre-Degree (Certificate)	3,252	4,182
	Pre-Degree (Diploma)	3,246 - 3,252	3,936 - 4,182
	Arts	3,246	3,936
	Arts (After Degree)	3,202 - 3,246	3,567 - 3,936
	Theology	3,246 - 3,446	3,936 - 4,136

Note:
- Tuition statistics are calculated for a 30 credit hour year.

APPENDIX A

CANADIAN ASSOCIATION OF UNIVERSITY OFFICERS (CAUBO) DATA

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APPENDIX A – CANADIAN ASSOCIATION OF UNIVERSITY BUSINESS OFFICERS (CAUBO) DATA

A.0 - Background

This appendix provides comparisons of Manitoba universities to similar institutions in the other provinces. Comparisons are made using the *Maclean's* institutional groupings, which are also used by the Canadian Undergraduate Survey Consortium. Data from 1996/97 to 2000/01 was obtained from the Canadian Association of University Business Officers (CAUBO) Report, *Financial Statistics of Universities and Colleges.*

CAUBO data relating only to public institutions has been used. Private institutions such as Trinity Western University in BC were excluded from this analysis. Data from CUSB is not collected by CAUBO and therefore is not included in this analysis.

Appendix A contains the following four sections:

- A.1 Total Revenue by Province
- A.2 Total Expenditures by Province
- A.3 Total Revenue by Institutions
- A.4 Total Expenditures by Institutions

Each section contains several subsections and tables that follow.
Note: the tables presented include institutional data by each province, not revenues or expenditures by each province.

A.1 - Total Revenue by Province

Total Revenue information collected by CAUBO is the sum of five funds: General Operating, Special Purpose and Trust, Sponsored Research, Ancillary Enterprises, and Plant.

Prior to 2000/01, Manitoba was the only province that required its universities to pay property taxes, therefore, the grant portion applicable to property taxes was removed for the years between 1996/97 to 2000/01. Figures shown for these years will be lower than those reported in the CAUBO document.

Total Revenue is presented in two ways:

- By fund, which includes: (1) General Operating (2) Sponsored Research and (3) Other, and
- By source, which includes: (1) Federal government (2) Provincial government (3) Tuition and other fees, and (4) Other sources of revenue.

This data is presented in subsections A.1.1 and A.1.2.

Table A.1 - Total Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$228,978	$231,504	$228,407	$254,785	$268,852
PEI	47,012	47,950	49,849	56,494	63,299
NS	497,555	498,619	533,293	668,428	685,665
NB	290,124	297,945	303,591	336,891	357,954
QUE	2,729,102	2,689,520	2,840,319	3,359,882	3,550,080
ON	4,392,704	4,513,695	4,760,542	6,098,134	6,145,729
MB	**407,493**	**420,178**	**445,410**	**521,280**	**592,591**
SK	448,148	471,068	508,627	569,103	663,307
AB	1,012,284	1,134,934	1,197,553	1,494,078	1,644,537
BC	1,326,792	1,571,409	1,549,522	1,753,924	1,933,194

A.1.1 - Total Revenue by Fund by Province

A.1.1.1 - General Operating Revenue by Province

General Operating Revenue includes only operating income such as Provincial Government grants, student fees, directly related investment income, and miscellaneous income. This fund accounts for the costs of instruction, academic support services, administrative services, plant maintenance and other operating expenses of the university.

Table A.1.1.1 - General Operating Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$169,883	$173,031	$173,723	$182,112	$190,758
PEI	39,225	39,033	40,827	47,776	51,138
NS	324,447	336,538	361,510	412,693	429,231
NB	206,185	209,003	213,197	227,634	235,827
QUE	1,787,922	1,724,155	1,797,031	1,921,447	2,042,554
ON	2,742,439	2,846,364	3,036,175	3,374,133	3,554,654
MB	**272,755**	**275,265**	**287,664**	**332,064**	**345,216**
SK	268,793	266,099	280,677	309,848	332,334
AB	635,485	695,729	723,006	839,874	916,594
BC	771,041	957,760	946,081	999,852	1,128,661

A.1.1.2 - Sponsored Research Revenue by Province

Sponsored research includes supporting funds both in the form of a grant or by means of a contract from sources external to the university. Funds from the Canadian Foundation for Innovation and all matching funds are included.

Table A.1.1.2 - Sponsored Research Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$23,580	$26,977	$27,872	$33,986	$34,278
PEI	1,863	2,236	2,980	2,262	5,167
NS	55,425	53,688	55,585	93,338	89,281
NB	24,707	26,018	30,172	31,770	28,638
QUE	506,969	544,792	637,250	817,134	906,844
ON	758,450	797,045	876,502	1,055,182	1,348,691
MB	**49,929**	**62,303**	**69,311**	**80,067**	**105,650**
SK	54,662	51,378	57,657	81,781	114,606
AB	203,137	242,345	285,614	344,938	418,034
BC	179,582	179,083	190,173	229,094	266,696

A.1.1.3 - Other Funds by Province

Other revenue include the CAUBO categories of "Special Purpose and Trust," "Ancillary Enterprises," and "Plant." Revenues related to these funds are small and thus are not shown separately.

Table A.1.1.3 - Other Funds by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$35,515	$31,496	$26,812	$38,687	$43,816
PEI	5,924	6,681	6,042	6,456	6,994
NS	117,683	108,393	116,198	162,397	167,153
NB	59,232	62,924	60,222	77,487	93,489
QUE	434,211	420,573	406,038	621,301	600,682
ON	891,815	870,286	847,865	1,668,819	1,242,384
MB	**84,809**	**82,610**	**88,435**	**109,149**	**141,725**
SK	124,693	153,591	170,293	177,474	216,367
AB	173,662	196,860	188,933	309,266	309,909
BC	376,169	434,566	413,268	524,978	537,837

A.1.2 - Total Revenue by Source by Province

A.1.2.1 - Federal Government Revenue by Province

Federal Government Revenue includes all research grants, research contracts and contributions from the Government of Canada and its agencies.

Table A.1.2.1 - Federal Government Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$21,215	$24,878	$24,909	$26,617	$30,050
PEI	959	1,347	2,139	1,596	3,625
NS	46,211	33,729	34,256	53,083	52,880
NB	15,048	15,737	15,033	20,501	22,561
QUE	239,238	217,562	272,985	359,248	430,821
ON	327,239	321,275	367,230	458,886	585,202
MB	**32,881**	**34,037**	**36,065**	**43,064**	**52,244**
SK	36,816	30,621	39,814	55,676	67,906
AB	101,087	97,165	102,440	139,836	149,204
BC	108,485	108,247	127,279	142,857	157,279

A.1.2.2 - Provincial Government Revenue by Province

Provincial Government Revenue includes all grants from and contracts with Provincial governments and their agencies.

Table A.1.2.2 - Provincial Government Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$126,632	$121,810	$119,280	$127,781	$136,019
PEI	30,396	28,391	29,022	29,339	30,429
NS	194,372	194,588	205,206	217,066	225,522
NB	146,906	148,023	145,820	150,419	157,937
QUE	1,685,421	1,587,630	1,622,370	1,754,554	1,879,111
ON	1,828,053	1,805,994	1,846,544	2,413,471	2,249,471
MB	**221,214**	**215,826**	**233,131**	**255,426**	**279,177**
SK	220,166	228,960	247,884	263,194	319,298
AB	480,172	531,030	564,706	656,871	672,344
BC	647,512	771,083	738,015	772,758	882,835

A.1.2.3 - Tuition and Other Fee Revenue by Province

Tuition fees include all mandatory student fees (with the exception of residence fees) that become income to the institution. Amounts of money collected by the university on behalf of another agency are not included.

Table A.1.2.3 - Tuition and Other Fee Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$40,717	$47,197	$49,309	$50,229	$49,954
PEI	8,977	10,137	10,934	12,521	13,778
NS	126,814	140,711	152,202	163,360	174,500
NB	59,680	64,281	68,450	72,556	79,153
QUE	337,894	364,689	371,481	388,548	399,221
ON	980,745	1,070,130	1,210,542	1,393,578	1,500,606
MB	**76,029**	**79,839**	**84,335**	**94,867**	**95,874**
SK	73,514	79,587	84,409	87,990	96,415
AB	190,739	209,707	234,195	251,385	283,800
BC	201,178	253,633	259,506	288,958	317,078

A.1.2.4 - Other Sources of Revenue by Province

Other Sources of revenue include "Bequests and Donations," "Sale of Services and Products," "Investment Income," and "Miscellaneous Income." Revenue generated from each of these sources is small, and thus is not shown separately.

Table A.1.2.4 - Other Sources of Revenue by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$40,414	$37,619	$34,909	$50,158	$52,829
PEI	6,680	8,075	7,754	13,038	15,467
NS	130,158	129,591	141,629	234,919	232,763
NB	68,490	69,904	74,288	93,415	98,303
QUE	466,549	519,639	573,483	857,532	840,927
ON	1,256,667	1,316,296	1,336,226	1,832,199	1,810,450
MB	**77,369**	**90,476**	**91,879**	**110,493**	**165,296**
SK	117,652	131,900	136,520	162,243	179,688
AB	240,286	297,032	296,212	445,986	539,189
BC	369,617	438,446	424,722	549,351	576,002

A.2 - Total Expenditures by Province

Total Expenditure is the sum of five funds: "General Operating", "Special Purpose and Trust", "Sponsored Research", "Ancillary Enterprises" and "Plant". Tables presented here include data on General Operating Expenditures, Sponsored Research, and Other Expenditures by Province.

Table A.2 - Total Expenditures by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$214,802	$227,090	$227,518	$247,476	$262,484
PEI	44,519	43,471	48,321	55,292	59,138
NS	492,854	488,298	531,508	620,790	658,170
NB	284,711	287,557	300,979	311,751	331,242
QUE	2,827,306	2,803,717	2,826,528	3,217,854	3,418,862
ON	4,192,212	4,366,146	4,688,483	5,174,854	5,759,826
MB	**411,032**	**402,036**	**445,666**	**474,474**	**503,367**
SK	437,194	443,696	467,847	536,529	583,207
AB	969,278	1,025,838	1,125,646	1,358,087	1,562,490
BC	1,343,871	1,568,536	1,532,018	1,620,523	1,831,844

A.2.1 - General Operating Expenditures by Province

This fund accounts for the costs of instruction, academic support services, administrative services, plant maintenance and other operating expenses of the university.

Table A.2.1 - General Operating Expenditures by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$165,371	$169,396	$172,057	$177,413	$186,417
PEI	38,947	36,964	39,563	47,159	48,499
NS	325,183	335,945	360,434	411,932	434,364
NB	207,940	208,536	219,159	219,096	232,291
QUE	1,835,422	1,769,827	1,721,902	1,937,680	2,052,985
ON	2,710,446	2,787,709	3,015,157	3,324,317	3,456,300
MB	**279,100**	**286,954**	**307,034**	**330,919**	**337,496**
SK	259,120	271,380	280,954	296,341	315,397
AB	614,653	663,532	730,507	837,921	934,461
BC	765,094	945,317	946,781	991,063	1,094,409

A.2.2 - Sponsored Research Expenditures by Province

Expenses include overhead charges by the university, which will show either in the specific object or, if applied on a percentage or formula basis, by means of internal cost recovery.

Table A.2.2 - Sponsored Research Expenditures by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$23,799	$27,530	$28,088	$29,342	$32,962
PEI	1,581	2,550	3,038	2,764	5,076
NS	48,376	51,103	54,983	83,090	80,330
NB	25,112	25,861	28,188	31,546	27,901
QUE	504,004	546,642	579,117	719,592	784,059
ON	750,844	803,347	836,914	953,420	1,224,375
MB	**51,319**	**48,954**	**53,572**	**68,528**	**90,226**
SK	50,751	49,138	50,911	75,617	113,418
AB	172,350	187,058	210,940	257,077	292,009
BC	181,683	185,867	184,503	211,196	254,216

A.2.3 - Other Expenditures by Province

Other expenditures include the CAUBO categories of "Special Purpose and Trust," "Ancillary Enterprises," and "Plant." Expenditures related to these funds are small and thus are not shown separately.

Table A.2.3 - Other Expenditures by Province

Province	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
NFLD	$25,632	$30,164	$27,373	$40,721	$43,105
PEI	3,991	3,957	5,720	5,369	5,563
NS	119,295	101,250	116,091	125,768	143,476
NB	51,659	53,160	53,632	61,109	71,050
QUE	487,880	487,248	525,509	560,582	581,818
ON	730,922	775,090	836,412	897,117	1,079,151
MB	**80,613**	**66,128**	**85,060**	**75,027**	**75,645**
SK	127,323	123,178	135,982	164,571	154,392
AB	182,275	175,248	184,199	263,089	336,020
BC	397,094	437,352	400,734	418,264	483,219

A.3 - Total Revenue by Institution

Total Revenue is the sum of five funds: General Operating, Special Purpose and Trust, Sponsored Research, Ancillary Enterprises and Plant. Each of these funds, including Total Revenue, can be categorized by type as follows: Federal Government Grants and Contributions, Provincial Government Grants and Contributions, Tuition Fees, Bequests and Donations, Sale of Services and Products, Investment Income and Miscellaneous Income.

This section presents data on Total Revenue by Medical-Doctoral and Primarily Undergraduate Institution by source. This includes:

- Federal Government
- Provincial Government
- Tuition Revenue and other fees, and
- Other sources of revenue.

Table A.3.1 presents a full listing of Medical- Doctoral and Primarily Undergraduate Universities included in this section.

Table A.3.1 - List of University Institutions

Medical/Doctoral Institution	• Dalhousie University • Université de Laval • McGill University • Université de Montreal • Université de Sherbrooke • McMaster University • University of Ottawa • Queen's University • University of Manitoba • University of Saskatchewan • University of Alberta • University of Calgary • University of British Columbia
Primarily Undergraduate	• University of Prince Edward Island • Acadia University • University College of Cape Breton • Mount Saint Vincent University • St. Francis Xavier University • Saint Mary's University • Université de Moncton • Mount Allison University • St. Thomas University • Bishop's University • Brock University • Lakehead University • Laurentian University • Nipissing University • Ryerson Polytechnic University • Trent University • Wilfred Laurier University • Brandon University • University of Winnipeg • Lethbridge University • University of Northern British Columbia

Source: Canadian Association of University Business Officers (CAUBO)

Table A.3.1.1 - Total Revenue by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$203,684	$241,179	$259,890	$356,833	$353,710
Laval	439,787	431,437	460,194	560,281	593,243
McGill	516,546	545,146	566,317	720,466	749,145
Montreal	487,989	453,840	519,450	609,686	649,876
Sherbrooke	176,096	174,931	208,310	247,228	255,452
McMaster	338,172	332,931	366,111	463,253	522,250
Ottawa	297,558	323,585	339,422	431,322	473,342
Queens	386,655	366,428	395,602	545,135	536,134
Toronto	991,359	1,060,729	1,135,077	1,521,994	1,405,361
Manitoba	**319,361**	**337,674**	**359,473**	**415,582**	**481,379**
Saskatchewan	318,206	346,884	374,035	426,648	504,674
Alberta	532,285	589,369	631,161	788,040	859,037
Calgary	362,108	418,453	434,298	544,222	611,649
BC	751,242	754,334	754,026	879,722	920,888

Table A.3.1.2 - Total Revenue by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$47,012	$47,950	$49,849	$56,494	$63,299
Acadia	56,585	53,726	57,739	64,174	66,000
Cape Breton	37,085	30,317	31,662	34,143	37,002
Mount Saint Vincent	30,430	26,995	28,755	32,232	33,135
St. Francis Xavier	38,577	42,161	45,282	63,506	74,581
Saint Mary's	52,747	56,902	63,851	67,401	69,331
Moncton	78,089	78,136	75,747	87,012	87,276
Mount Allison	41,472	41,268	42,559	54,055	55,542
St. Thomas	18,906	20,691	19,454	20,935	27,570
Bishops	29,718	26,974	30,541	30,830	32,753
Brock	80,969	81,916	88,575	102,401	127,260
Lakehead	68,427	69,597	71,014	95,276	80,728
Laurentian	71,015	70,950	72,345	78,209	80,521
Nipissing	19,812	20,029	21,272	24,889	29,111
Ryerson	162,916	165,133	171,464	198,500	223,035
Trent	58,107	56,101	54,159	65,296	99,806
Wilfrid Laurier	73,887	77,550	86,060	106,474	109,235
Brandon	**36,266**	**30,063**	**30,591**	**34,953**	**42,081**
Winnipeg	**46,103**	**46,432**	**49,300**	**62,806**	**61,394**
Lethbridge	62,645	69,976	70,921	89,467	92,295
UNBC	40,255	42,336	45,543	53,498	55,564

A.3.2- Federal Government Revenue by Institution

Federal Government Revenue includes all research grants, research contracts and contributions from the Government of Canada and its agencies.

Table A.3.2.1 - Federal Government Revenue by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$20,611	$22,818	$23,162	$33,780	$33,030
Laval	39,727	40,064	48,807	71,097	78,285
McGill	77,231	64,417	85,388	93,041	129,671
Montreal	52,777	45,821	62,347	92,333	112,310
Sherbrooke	15,840	17,160	18,990	24,129	23,157
McMaster	31,189	39,470	38,160	54,180	67,035
Ottawa	25,597	28,903	33,516	44,636	75,788
Queens	35,052	28,380	36,809	39,546	47,561
Toronto	114,406	101,667	115,830	147,615	193,549
Manitoba	**31,297**	**32,729**	**34,932**	**40,207**	**49,107**
Saskatchewan	24,841	18,650	20,793	39,577	50,056
Alberta	65,622	65,749	66,892	84,705	97,323
Calgary	33,285	29,509	33,641	52,369	49,113
BC	62,498	60,660	73,060	87,835	95,760

Table A.3.2.2 - Federal Government Revenue by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$959	$1,347	$2,139	$1,596	$3,625
Acadia	1,340	1,081	1,375	2,053	1,209
Cape Breton	10,134	2,029	1,504	1,770	3,363
Mount Saint Vincent	780	540	610	1,212	1,364
St. Francis Xavier	1,208	1,514	2,256	3,839	4,741
Saint Mary's	2,550	1,852	2,468	6,000	5,218
Moncton	6,026	6,350	4,667	8,924	7,919
Mount Allison	803	1,506	1,071	964	1,853
St. Thomas	27	556	42	41	133
Bishops	167	161	158	174	213
Brock	1,861	1,893	1,914	3,710	3,417
Lakehead	1,641	2,222	2,419	3,356	3,655
Laurentian	3,038	3,262	3,436	3,192	3,891
Nipissing	118	293	138	182	220
Ryerson	2,597	3,759	3,499	3,226	4,840
Trent	2,085	1,863	3,339	4,477	4,230
Wilfrid Laurier	1,106	1,931	1,990	2,215	2,440
Brandon	**712**	**637**	**339**	**973**	**1,348**
Winnipeg	**872**	**671**	**794**	**1,884**	**1,789**
Lethbridge	1,757	1,526	1,716	2,634	2,713
UNBC	733	935	1,523	1,512	1,542

A.3.3 - Provincial Government Revenue by Institution

Provincial Government Revenue includes all grants from and contracts with provincial governments and their agencies.

Table A.3.3.1 - Provincial Government Revenue by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$78,314	$94,634	$100,027	$109,080	$106,631
Laval	293,534	289,679	310,644	313,653	328,298
McGill	246,398	212,377	207,911	222,558	245,567
Montreal	279,688	260,311	290,452	338,642	358,245
Sherbrooke	109,926	105,727	128,365	138,077	143,644
McMaster	118,667	115,685	122,017	167,614	134,060
Ottawa	145,701	145,582	152,113	177,107	181,711
Queens	177,425	163,790	157,994	230,689	193,170
Toronto	408,520	410,189	417,211	535,528	498,803
Manitoba	**168,422**	**169,872**	**183,360**	**199,112**	**216,110**
Saskatchewan	159,317	173,790	186,298	198,699	243,407
Alberta	261,504	291,220	300,015	355,039	351,231
Calgary	162,467	179,244	202,134	227,746	243,154
BC	353,247	322,171	320,121	332,533	360,808

Table A.3.3.2 - Provincial Government Revenue by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$30,396	$28,391	$29,022	$29,339	$30,429
Acadia	18,523	18,643	19,897	20,664	20,765
Cape Breton	12,092	12,517	14,306	16,008	15,963
Mount Saint Vincent	15,678	12,746	12,660	12,722	12,719
St. Francis Xavier	15,172	14,818	15,733	17,497	27,138
Saint Mary's	17,546	19,967	21,369	18,007	19,345
Moncton	46,279	46,063	45,362	47,639	48,618
Mount Allison	14,607	15,148	13,379	13,511	16,472
St. Thomas	7,817	7,260	7,246	7,203	10,476
Bishops	14,734	12,658	13,511	13,163	15,217
Brock	35,957	35,312	37,450	42,272	62,854
Lakehead	30,136	30,639	32,263	47,855	34,907
Laurentian	39,006	37,204	38,953	41,166	43,370
Nipissing	10,034	8,282	9,254	10,715	13,143
Ryerson	71,663	71,768	71,764	83,280	86,609
Trent	23,463	23,069	21,471	25,395	56,242
Wilfrid Laurier	31,922	30,949	31,916	41,358	40,979
Brandon	**24,529**	**17,667**	**18,408**	**19,954**	**26,240**
Winnipeg	**23,660**	**23,275**	**26,392**	**31,205**	**31,455**
Lethbridge	32,176	36,599	37,908	48,051	49,207
UNBC	28,100	28,428	28,892	34,105	31,949

A.3.4 - Tuition Revenue and other Fees by Institution

Tuition fees include all mandatory student fees (with the exception of residence fees) that become income to the institution. Amounts of money collected by the university on behalf of another agency are excluded.

Table A.3.4.1 - Revenue from Fees by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$41,956	$53,849	$59,047	$60,321	$63,251
Laval	51,833	52,024	52,839	52,411	53,905
McGill	63,010	73,560	76,128	72,489	70,594
Montreal	51,448	50,858	51,160	58,277	61,375
Sherbrooke	27,298	28,262	27,826	28,417	28,169
McMaster	52,637	57,808	61,901	69,194	74,514
Ottawa	63,935	69,197	78,015	93,819	100,998
Queens	64,136	74,706	87,427	99,101	111,177
Toronto	190,545	209,076	253,603	299,247	316,951
Manitoba	**53,137**	**57,017**	**61,364**	**67,314**	**67,805**
Saskatchewan	42,478	45,526	49,245	53,535	58,454
Alberta	84,282	92,230	101,695	106,591	122,643
Calgary	68,637	75,995	86,371	91,708	100,746
BC	89,753	95,303	98,168	106,152	109,590

Table A.3.4.2 - Revenue from Fees by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$8,977	$10,137	$10,934	$12,521	$13,778
Acadia	16,533	17,887	18,727	21,313	24,716
Cape Breton	9,976	10,625	10,761	10,739	11,408
Mount Saint Vincent	9,635	9,543	10,860	12,585	13,486
St. Francis Xavier	12,558	14,416	15,643	17,800	19,042
Saint Mary's	20,854	22,964	25,867	28,612	30,304
Moncton	12,953	13,012	14,217	14,749	16,854
Mount Allison	8,992	9,228	10,338	11,113	11,702
St. Thomas	4,957	5,752	6,389	7,383	8,299
Bishops	4,619	6,149	6,583	6,749	6,997
Brock	27,992	30,525	33,034	37,876	41,017
Lakehead	20,110	21,506	22,659	24,021	24,287
Laurentian	15,531	16,055	16,395	17,389	18,089
Nipissing	7,181	8,715	9,516	10,888	12,355
Ryerson	62,568	65,103	69,092	76,745	81,071
Trent	15,447	16,988	17,942	21,826	23,797
Wilfrid Laurier	22,280	26,052	31,019	35,369	39,177
Brandon	**6,468**	**6,514**	**6,766**	**7,611**	**8,059**
Winnipeg	**15,324**	**15,372**	**15,153**	**18,673**	**18,645**
Lethbridge	16,270	17,744	19,109	21,121	23,037
UNBC	5,240	6,090	5,700	6,476	6,648

A.3.5 - Other Sources of Revenue by Institution

Other revenue includes the CAUBO categories of "Special Purpose and Trust," "Ancillary Enterprises," and "Plant." Revenues related to these funds are small and thus are not shown separately.

Table A.3.5.1 - Other Sources of Revenue by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$62,803	$69,878	$77,654	$153,652	$150,798
Laval	54,693	49,670	47,904	123,120	132,755
McGill	129,907	194,792	196,890	332,378	303,313
Montreal	104,076	96,850	115,491	120,434	117,946
Sherbrooke	23,032	23,782	33,129	56,605	60,482
McMaster	135,679	119,968	144,033	172,265	246,641
Ottawa	62,325	79,903	75,778	115,760	114,845
Queens	110,042	99,552	113,372	175,799	184,226
Toronto	277,888	339,797	348,433	539,604	396,058
Manitoba	**66,505**	**78,056**	**79,817**	**108,949**	**148,357**
Saskatchewan	91,570	108,918	117,699	134,837	152,757
Alberta	120,877	140,170	162,559	241,705	287,840
Calgary	97,719	133,705	112,152	172,399	218,636
BC	245,744	276,200	262,677	353,202	354,730

Table A.3.5.2 - Other Sources of Revenue by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$6,680	$8,075	$7,754	$13,038	$15,467
Acadia	20,189	16,115	17,740	20,144	19,310
Cape Breton	4,883	5,146	5,091	5,626	6,268
Mount Saint Vincent	4,397	4,166	4,625	5,713	5,566
St. Francis Xavier	9,639	11,413	11,650	24,370	23,660
Saint Mary's	11,797	12,119	14,147	14,782	14,464
Moncton	12,831	12,711	11,501	15,700	13,885
Mount Allison	17,070	15,386	17,771	28,467	25,515
St. Thomas	6,105	7,123	5,777	6,308	8,662
Bishops	10,198	8,006	10,289	10,744	10,326
Brock	15,159	14,186	16,177	18,543	19,972
Lakehead	16,540	15,230	13,673	20,044	17,879
Laurentian	13,440	14,429	13,561	16,462	15,171
Nipissing	2,479	2,739	2,364	3,104	3,393
Ryerson	26,088	24,503	27,109	35,249	50,515
Trent	17,112	14,181	11,407	13,598	15,537
Wilfrid Laurier	18,579	18,618	21,135	27,532	26,639
Brandon	**4,557**	**5,245**	**5,078**	**6,415**	**6,434**
Winnipeg	**6,247**	**7,114**	**6,961**	**11,044**	**9,505**
Lethbridge	12,442	14,107	12,188	17,661	17,338
UNBC	6,182	6,883	9,428	11,405	15,425

A.4 - Total Expenditures by Institution

Total Expenditures is the sum of five funds: "General Operating", "Special Purpose and Trust", "Sponsored Research", "Ancillary Enterprises" and "Plant".

This section presents data on Total Expenditures by Medical-Doctoral and Primarily Undergraduate Institution by fund: This includes:

- General Operating Expenditures
- Sponsored Research Expenditures; and,
- Other Expenditures.

Table A.4.1.1 - Total Expenditures by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$196,320	$233,644	$251,344	$320,943	$321,271
Laval	466,099	472,736	465,161	568,255	601,559
McGill	507,888	569,658	574,401	651,732	681,750
Montreal	523,791	474,715	507,053	587,209	638,085
Sherbrooke	207,891	140,186	197,607	223,902	259,354
McMaster	317,351	312,955	339,450	386,626	476,622
Ottawa	288,598	318,050	337,626	373,859	473,904
Queens	341,085	350,374	389,645	439,550	472,052
Toronto	974,836	1,005,108	1,090,687	1,199,651	1,305,991
Manitoba	323,365	322,471	360,361	377,205	398,988
Saskatchewan	301,461	324,911	344,956	399,551	436,894
Alberta	527,687	551,257	587,516	724,365	800,028
Calgary	330,616	359,573	408,582	481,066	580,760
BC	755,051	764,488	752,398	788,547	870,192

Table A.4.1.2 - Total Expenditures by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$44,519	$43,471	$48,321	$55,292	$59,138
Acadia	63,647	55,344	57,052	65,992	65,366
Cape Breton	37,481	28,986	30,465	33,065	40,859
Mount Saint Vincent	30,090	26,346	29,541	31,367	32,775
St. Francis Xavier	39,930	43,115	48,081	53,439	62,362
Saint Mary's	48,734	56,682	70,613	66,464	81,042
Moncton	81,835	77,866	74,731	78,348	84,138
Mount Allison	38,175	37,460	36,088	44,051	47,100
St. Thomas	17,221	17,693	20,918	22,015	25,948
Bishops	28,163	27,055	30,036	27,048	31,346
Brock	79,666	83,152	93,857	100,759	132,312
Lakehead	66,940	69,747	72,317	80,999	77,374
Laurentian	68,525	69,748	73,069	78,378	76,887
Nipissing	20,935	18,947	20,853	27,652	39,662
Ryerson	148,872	155,669	166,273	185,686	205,866
Trent	57,134	62,130	58,503	63,136	65,663
Wilfrid Laurier	70,753	77,618	91,262	108,138	107,127
Brandon	36,048	29,595	31,272	32,471	36,059
Winnipeg	45,833	43,821	47,954	58,102	61,569
Lethbridge	55,562	58,467	69,142	81,632	99,179
UNBC	38,329	38,591	41,443	45,440	50,731

A.4.2 - General Operating Expenditures

This fund accounts for the costs of instruction, academic support services, administrative services, plant maintenance and other operating expenses of the university.

Table A.4.2.1 - General Operating Expenditures by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$125,116	$149,931	$160,151	$191,306	$200,901
Laval	312,813	300,279	290,778	330,200	342,007
McGill	274,774	273,058	267,864	307,288	337,791
Montreal	327,085	289,898	283,492	314,381	345,669
Sherbrooke	138,183	88,491	135,185	161,392	172,200
McMaster	164,348	168,873	184,561	203,908	216,126
Ottawa	195,488	207,200	223,621	245,276	255,015
Queens	220,910	230,918	245,858	284,325	291,125
Toronto	571,729	574,661	648,614	691,996	718,408
Manitoba	**214,290**	**220,760**	**235,728**	**248,374**	**252,710**
Saskatchewan	160,878	176,382	185,800	194,144	204,384
Alberta	313,169	324,743	353,727	398,772	434,288
Calgary	212,228	243,892	267,680	318,160	363,299
BC	374,922	379,120	376,182	376,315	398,600

Table A.4.2.2 - General Operating Expenditures by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$38,947	$36,964	$39,563	$47,159	$48,499
Acadia	36,491	37,568	39,695	43,206	46,750
Cape Breton	21,668	23,430	25,820	27,076	29,002
Mount Saint Vincent	21,549	21,845	23,311	26,005	27,279
St. Francis Xavier	28,596	30,995	33,033	35,885	38,685
Saint Mary's	36,065	36,207	43,258	49,973	52,187
Moncton	61,253	60,426	59,577	59,108	64,173
Mount Allison	23,412	24,013	24,170	25,496	26,520
St. Thomas	11,820	12,203	12,891	14,250	15,180
Bishops	18,031	17,262	17,285	19,383	21,617
Brock	63,744	66,802	70,029	76,600	86,577
Lakehead	49,489	49,959	52,794	58,905	58,125
Laurentian	52,386	52,494	53,243	57,837	58,177
Nipissing	16,513	17,470	19,286	22,862	25,041
Ryerson	124,962	127,603	138,095	154,604	165,009
Trent	36,747	39,747	43,382	46,376	49,427
Wilfrid Laurier	53,262	55,772	61,898	71,509	74,409
Brandon	**20,032**	**21,078**	**22,255**	**23,813**	**23,977**
Winnipeg	**38,992**	**38,967**	**42,972**	**52,521**	**54,372**
Lethbridge	41,526	44,880	53,891	55,175	59,725
UNBC	26,697	26,434	27,879	21,986	33,886

A.4.3 - Sponsored Research Expenditures

Expenses include overhead charges by university, which shows either in the specific object or, if applied on a percentage or formula basis, by internal cost recovery.

Table A.4.3.1 - Sponsored Research Expenditures by Medical - Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$31,233	$42,031	$44,834	$70,869	$62,582
Laval	80,093	82,887	87,716	164,751	183,294
McGill	115,158	156,352	167,121	173,871	195,646
Montreal	149,722	142,776	169,990	203,975	218,171
Sherbrooke	28,107	27,332	27,293	36,327	37,137
McMaster	90,112	78,660	81,380	96,926	162,612
Ottawa	62,853	89,676	86,339	93,123	121,093
Queens	62,426	59,317	61,425	76,012	91,384
Toronto	273,217	282,519	293,684	343,082	425,158
Manitoba	**49,816**	**47,464**	**51,874**	**66,561**	**86,472**
Saskatchewan	44,421	44,514	45,660	67,636	101,227
Alberta	110,411	113,876	124,284	160,534	179,486
Calgary	59,165	70,278	82,953	92,769	108,041
BC	132,013	135,129	135,500	156,328	185,921

Table A.4.3.2 - Sponsored Research Expenditures by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$1,581	$2,550	$3,038	$2,764	$5,076
Acadia	1,257	1,185	2,086	2,108	2,212
Cape Breton	2,201	2,587	2,780	2,810	5,419
Mount Saint Vincent	270	314	189	297	404
St. Francis Xavier	1,270	1,445	1,930	2,449	4,088
Saint Mary's	964	963	935	1,655	2,406
Moncton	4,261	4,540	4,372	6,312	4,544
Mount Allison	1,951	1,390	1,121	932	2,898
St. Thomas	32	56	64	79	107
Bishops	300	338	413	584	593
Brock	2,304	2,647	2,377	2,650	3,919
Lakehead	4,467	4,674	4,445	4,242	5,808
Laurentian	6,997	7,473	7,593	7,186	8,431
Nipissing	229	300	239	175	238
Ryerson	3,025	3,629	4,434	4,791	7,317
Trent	3,322	3,790	3,553	6,571	6,628
Wilfrid Laurier	2,106	2,184	2,041	3,176	4,386
Brandon	**542**	**552**	**546**	**548**	**1,521**
Winnipeg	**961**	**938**	**1,152**	**1,419**	**2,233**
Lethbridge	2,435	2,584	3,508	3,581	4,288
UNBC	3,056	3,986	3,544	4,051	4,266

A.4.4 - Other Expenditures by Institution

Other expenditures includes the CAUBO categories of "Special Purpose and Trust," "Ancillary Enterprises," and "Plant." Expenditures related to these funds are small and thus are not shown separately.

Table A.4.4.1 - Other Expenditures by Medical -Doctoral Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
Dalhousie	$39,971	$41,682	$46,359	$58,768	$57,788
Laval	73,193	89,570	86,667	73,304	76,258
McGill	117,956	140,248	139,416	170,573	148,313
Montreal	46,984	42,041	53,571	68,853	74,245
Sherbrooke	41,601	24,363	35,129	26,183	50,017
McMaster	62,891	65,422	73,509	85,792	97,884
Ottawa	30,257	21,174	27,666	35,460	97,796
Queens	57,749	60,139	82,362	79,213	89,543
Toronto	129,890	147,928	148,389	164,573	162,425
Manitoba	**59,259**	**54,247**	**72,759**	**62,270**	**59,806**
Saskatchewan	96,162	104,015	113,496	137,771	131,283
Alberta	104,107	112,638	109,505	165,059	186,254
Calgary	59,223	45,403	57,949	70,137	109,420
BC	248,116	250,239	240,716	255,904	285,671

Table A.4.4.2 - Other Expenditures by Primarily Undergraduate Institution

Institution	Academic Year 1996/97 – 2000/01				
	1996/97	1997/98	1998/99	1999/00	2000/01
UPEI	$3,991	$3,957	$5,720	$5,369	$5,563
Acadia	25,899	16,591	15,271	20,678	16,404
Cape Breton	13,612	2,969	1,865	3,179	6,438
Mount Saint Vincent	8,271	4,187	6,041	5,065	5,092
St. Francis Xavier	10,064	10,675	13,118	15,105	19,589
Saint Mary's	11,705	17,512	26,420	14,836	26,449
Moncton	16,321	12,900	10,782	12,928	15,421
Mount Allison	12,812	12,057	10,797	17,623	17,682
St. Thomas	5,369	5,434	7,963	7,686	10,661
Bishops	9,832	9,455	12,338	7,081	9,136
Brock	13,618	13,703	21,451	21,509	41,816
Lakehead	12,984	15,114	15,078	17,852	13,441
Laurentian	9,142	9,781	12,233	13,355	10,279
Nipissing	4,193	1,177	1,328	4,615	14,383
Ryerson	20,885	24,437	23,744	26,291	33,540
Trent	17,065	18,593	11,568	10,189	9,608
Wilfrid Laurier	15,385	19,662	27,323	33,453	28,332
Brandon	**15,474**	**7,965**	**8,471**	**8,110**	**10,561**
Winnipeg	**5,880**	**3,916**	**3,830**	**4,162**	**4,964**
Lethbridge	11,601	11,003	11,743	22,876	35,166
UNBC	8,576	8,171	10,020	19,403	12,579

APPENDIX B

UNIVERSITY TUITION FEES FOR CANADIAN AND INTERNATIONAL STUDENTS

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The University tuition fee information is obtained from Statistics Canada's annual *Tuition and Living Accommodations Survey*. The data have not been changed in any way, however only public universities in Manitoba surveyed by Statistics Canada are included.

The university grouping system employed by *MacLean's Magazine* is used throughout this appendix. Since Manitoba has no universities in *MacLean's* 'comprehensive category,' there is no discussion of universities in this category. The comprehensive category includes universities with a "significant amount of research activity and a wide range of programs at the undergraduate and graduate levels, including professional degrees[1]" While CUSB is not included in the *MacLean's* ranking, it is included in the primarily undergraduate category in this Compendium.

Some of the data reported are shown in ranges, while other data are shown as a single figure. This is because some programs have "grandparented" fees such that students do not have to pay annual increases in fees once enrolled in the program. Further, some programs, such as medicine, have different costs in different years of the program.

In 1993/94, Manitoba imposed a surcharge of 75% for international students in addition to the fees charged to Canadian students. This change was effective in September 1994/95 for both undergraduate and graduate students. The University of Manitoba rebates the 75% surcharge for graduate students.

Manitoba's 10% tuition fee reduction has been applied to international students, but only in regard to regular fees and not the 75% surcharge. The surcharge is applied to the full tuition and then is added to the reduced regular tuition fee. The University of Manitoba continued to rebate the 75% surcharge for international graduate students. In 2002, the post-secondary institutions were allowed to determine tuition fees for international students however, the effects of this policy change will not be reflected in this document.

Appendix B includes the following three sections:

- B.1 University Tuition Fees for Canadian Students
- B.2 University Tuition Fees for International Students, and
- B.3 Canadian and International Graduate Student Tuition Fees

Each section includes data for the years 1999/00 and 2000/01 by medical – doctoral and primarily undergraduate institutions. A set of Endnotes is included at the back of this appendix.

[1] "Ranking Canadian Universities." Macleans Special 2002 Edition 18 Nov. 2002: 31.

Table B.1.1 - University Tuition Fees by Medical - Doctoral Institution – 1999/00

Faculty	University Tuition Fees ($)[1]													
	Dalhousie	Laval[2]	McGill[2]	Montreal[2,3]	Sherbrooke[2]	McMaster	Ottawa[4]	Queens	Toronto[5]	Manitoba[6,7]	Saskatchewan	Alberta[8]	Calgary	BC
Agriculture		1,668-3,438	1,668-3,438							**3,819**	3,179-3,852	3,551		2,295
Architecture	4,620	1,668-3,438	1,668-3,438	1,668					4,136	**3,679**				2,295
Arts	4,050	1,668-3,438	1,668-3,438	1,668	1,668-3,168	3,730	3,867	3,874	3,835	**2,901**	3,088-3,852	3,551	3,650	2,295
Commerce	2,630-5,260	1,668-3,438	1,668-3,438		1,668-3,168	4,085	3,867	3,874-5,000	3,835	**3,844**	3,057-3,852	3,551	3,650	2,295
Dentistry	5,650-7,549	1,668-3,438	1,891-7,335	2,336					12,000	**7,278-7,595**	5,815-30,000	6,855		3,937
Education		1,668-3,438	1,668-3,438	1,668	1,668-3,168		4,157	3,874	4,379	**3,160**	3,118-3,852	3,551	3,650	2,295
Engineering	4,620	1,668-3,438	1,668-3,438		1,668-3,168	4,084-4,436	3,902-4,257	4,627-5,000	4,550-5,000	**4,051**	3,164-3,852	4,261	4,015-4,380	2,295
Human Ecology		1,668-3,438	1,668-3,438	1,668						**3,362**		3,551		2,295
Law	5,626	1,668-3,438	1,668-3,438	1,890	1,668-3,168		3,902-4,248	4,648	5,484-8,000	**4,540**	3,363-3,852	3,432-3,788	3,650-4,380	3,199
Medicine	6,670	1,668-3,438	1,780-7,335	2,336	1,668-3,168	12,600	5,387-7,607	5,913-9,200	6,976-11,000	**7,278-7,595**	3,852-5,815	4,995	6,192	3,937
Music	4,050	1,668-3,438	1,668-3,438	1,668	1,668-3,168	3,730	3,867	3,874	3,835	**3,561**	3,088-3,852	3,551-3,906	3,650	2,295
Science	4,620	1,668-3,438	1,668-3,438	1,668	1,668-3,168	3,730	3,867	3,874	3,835	**3,266**	3,118-3,852	3,551	3,650	2,295

Source: Statistics Canada Tuition and Living Accommodations Survey, See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.1.2 - University Tuition Fees by Medical - Doctoral Institution – 2000/01

Faculty	University Tuition Fees ($)[1]													
	Dalhousie	Laval[2]	McGill[2]	Montreal[2,3]	Sherbrooke[2]	McMaster	Ottawa[4]	Queens	Toronto[5]	Manitoba[6,7]	Saskatchewan	Alberta[8]	Calgary	BC
Agriculture		1,668-3,708	1,668-3,438							**3,771**	3,473-4,237	3,770		2,295
Architecture	4,530	1,668-3,708	1,668-3,438	1,668-3,708					4,219	**3,455**				2,295
Arts	4,300-5,070	1,668-3,708	1,668-3,438	1,668-3,708	1,668-3,708	3,831	3,892	3,951	3,951	**2,807**	3,298-4,237	3,770	3,834	2,295
Commerce	4,300-5,070	1,668-3,708	1,668-3,438		1,668-3,708	4,195	3,892	3,951-5,500	3,951-4,027	**3,613**	3,240-4,237	3,770	3,834	2,295
Dentistry	5,372-7,670	1,668-3,708	1,724-7,335	2,336-5,192					12,600-14,000	**6,550-6,836**	6,629-30,000	5,305-14,280		3,937
Education		1,668-3,708	1,668-3,438	1,668-3,708	1,668-3,708		4,253	3,951	4,467	**2,941**	3,357-4,237	3,770	3,834	2,295
Engineering	4,920-5,070	1,668-3,708	1,668-3,438		1,668-3,708	4,195-4,556	3,928-4,538	5,090-5,500	5,000-5,250	**4,045**	3,444-4,237	3,770-4,022	4,601	2,295
Human Ecology		1,668-3,708	1,668-3,438	1,668-3,708						**3,071**		3,770		2,295
Law	5,970	1,668-3,708	1,668-3,438	1,891-4,203	1,668-3,708		3,928-5,500	5,903	8,000-10,000	**4,190**	3,767-4,237	3,519-4,022	3,834-4,601	3,199
Medicine	7,670	1,668-3,708	1,780-7,335	2,336-5,192	1,668-3,708	13,500	5,465-8,500	7,096-9,384	8,371-14,000	**6,550-6,836**	6,629	5,408	6,504	3,937
Music	4,300-5,070	1,668-3,708	1,668-3,438	1,668-3,708	1,668-3,708	3,831	3,892	3,951	3,951	**3,212**	3,298-4,237	3,268-4,147	3,834	2,295
Science	4,300-5,070	1,668-3,708	1,668-3,438	1,668-3,708	1,668-3,708	3,831	3,892	3,951	3,951	**3,114**	3,357-4,237	3,770	3,834	2,295

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.1.3 - University Tuition Fees by Primarily Undergraduate Institution – 1999/00

Faculty	University Tuition Fees ($)[1]																					
	PEI[9]	Acadia	Cape Breton	Mount Saint Vincent[10]	St. Francis Xavier	Saint Mary's	Moncton	Mount Allison	St. Thomas	Bishops[211]	Brock	Lakehead	Laurentian	Nipissing	Ryerson[12]	Trent	Wilfrid Laurier	Brandon[210]	CUSB[4]	Winnipeg[84]	Lethbridge	UNBC[45]
Agriculture	3,480	4,250-5,450																			3,360	
Architecture	3,480	4,250-5,450													4,274							
Arts	3,480	4,250-5,450	3,700	3,915	4,160	4,010	2,950	4,220	2,960	1,668	3,874	3,800	3,765	3,510	3,942	3,874	3,834	**3,033**	**2,930**	**3,096**	3,360	2,258
Commerce	3,480	4,250-5,450	3,700	3,915	4,160	4,010	2,950	4,220		1,668-3,438	3,874	3,800	3,765	3,510	3,942	3,874	3,834			**3,096**	3,360	2,258
Dentistry	3,480																					
Education	3,480	4,250-5,450		4,135	4,160		2,950		4,500	1,668-3,438	4,261	3,950	3,765	4,395	3,942			**3,089**	**3,209**		2,688-3,696	
Engineering	3,828	4,250-5,450	3,700		4,160	4,418	2,950					3,950	4,088		4,274							
Human Ecology	3,480	4,250-5,450		3,915			2,950								3,942							
Law	3,480						2,950															
Music	3,828	4,250-5,450			4,160		2,950	4,220		1,668-3,438	3,874	3,800					3,834	**3,222**			3,360	
Science	3,480	4,250-5,450	3,700	3,915	4,160	4,010	2,950	4,220		1,668-3,438	3,874	3,800	3,765	3,510	3,942	3,874	3,834	**3,294-3,354**	**3,466**	**3,566**	3,360	2,258-2,540

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.1.4 - University Tuition Fees by Primarily Undergraduate Institution – 2000/01

Faculty	University Tuition Fees ($)[1]																				
	PEI[3]	Acadia	Cape Breton	Mount Saint Vincent[6]	St. Francis Xavier	Saint Mary's	Moncton	Mount Allison	St. Thomas	Bishops[21]	Brock	Lakehead	Laurentian	Nipissing	Ryerson[12]	Trent	Wilfrid Laurier	Brandon[10]	CUSB[4]	Winnipeg[24]	Lethbridge	UNBC[5]
Agriculture	3,480																				3,470	
Architecture	3,480														4,360							
Arts	3,480	5,805	4,070	4,110	4,370	4,210	3,245	4,390	3,060	1,668-3,708	3,951	3,910	3,951	3,720	4,020	3,951	3,951	**2,730**	**2,637**	**2,786**	3,470	2,258
Commerce	3,480	5,805	4,070	4,110	4,370	4,210	3,245	4,390		1,668-3,708	3,951	3,910	3,951	3,720	4,020	3,951	3,951				3,470	2,258
Dentistry	3,480																					
Education	3,480	5,805		4,340	4,370		3,245		4,700	1,668-3,708	4,741	4,065	3,951	4,395	4,020			**2,780**	**2,888**	**2,786**	3,470-3,817	
Engineering	3,828	5,805	4,070		4,370	4,720-4,741	3,245					4,150	4,288		4,660							
Human Ecology	3,480	5,805		4,110	4,370		3,245								4,020							
Law	3,480						3,245															
Music	3,828	5,805			4,370		3,245	4,390		1,668-3,708	3,951	3,910					3,951	**2,900**			3,470-3,846	
Science	3,480	5,805	4,070	4,110	4,370	4,310	3,245	4,390		1,668-3,708	3,951	3,910	3,951	3,720	4,020		3,951	**2,965-3,019**	**3,119**	**3,209**	3,470	2,258-2,540

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.2.1 - International Student Tuition Fees by Medical - Doctoral Institution – 1999/00

Faculty	University Tuition Fees ($)[1]													
	Dalhousie	Laval[2]	McGill[2]	Montreal[2,3]	Sherbrooke[2]	McMaster	Ottawa[4]	Queens	Toronto[5]	Manitoba[6,7]	Saskatchewan	Alberta[8]	Calgary	UBC
Agriculture		9,168	9,168							**6,683**	6,836-8,282	7,102		13,830
Architecture	7,710	8,268	9,168	8,268					11,689	**6,439**				13,830
Arts	7,140	9,168	8,268	8,268	9,168	10,950	8,687-9,107	10,300	8,639	**5,078**	6,639-8,282	7,102	7,300	13,830
Commerce	4,175-8,350	8,268	8,268-13,500		9,168	12,450	8,687-9,107	10,300	8,639	**6,727**	6,573-8,282	7,102	7,300	13,830
Dentistry	7,195-10,639	9,168	10,391-32,000	11,576					24,750	**12,737 13,291**		13,710		30,480
Education		8,268	8,268	8,268	9,168		8,687-9,107	16,800	11,730	**5,531**	6,704-8,282	7,102	7,300	13,830
Engineering	7,710	9,168	9,168-11,000		9,168	12,540	9,132-10,132	16,800	12,103 12,553	**7,089**	6,803-8,282	8,522	8,030-8,760	13,830
Human Ecology		8,268	9,168	8,268						**5,884**		7,102		13,830
Law	8,716	8,268	8,268	8,690	9,168		8,687-9,112	10,300	12,676-15,192	**7,954**	7,230-8,282	6,865-7,575	7,300-8,760	14,752
Medicine	9,760	9,168	9,780-19,559	11,576	9,168			16,800	23,132-23,750	**12,737**	8,282-12,502	9,991	12,384	
Music	7,140	8,268	9,168	8,268	9,168	10,950	8,687-9,107	10,300	8,639	**6,232**	6,638-8,282	7,102-7,812	7,300	13,830
Science	7,710	9,168	9,168	8,268	9,168	12,450	8,687-9,107	10,300	8,639	**5,715**	6,704-8,282	7,102	7,300	13,830

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.2.2 - International Student Tuition Fees by Medical - Doctoral Institution – 2000/01

Faculty	University Tuition Fees ($)[1]													
	Dalhousie	Laval[2]	McGill[2]	Montreal[2,3]	Sherbrooke[2]	McMaster	Ottawa[4]	Queens	Toronto[5]	Manitoba[6,7]	Saskatchewan	Alberta[8]	Calgary	BC
Agriculture		9,168	9,168							**7,332**	7,467 9,110	7,540		13,830
Architecture	8,130	8,268	9,168	8,268					11,772	**6,718**				13,830
Arts	7,900- 8,670	9,168	8,268	8,268	8,268- 9,168	10,950	8,752- 10,000	11,000	8,755	**5,457**	7,092- 9,110	7,540	7,668	13,830
Commerce	7,900- 8,670	8,268	8,268- 15,000		8,268- 9,168	12,450	8,752- 10,000	12,360	8,755- 8,831	**7,026**	6,967- 9,100	7,540	7,668	13,830
Dentistry	8,972- 11,270	9,168	9,474- 32,000	11,576					23,350- 26,750	**12,737- 13,291**	32,000	10,610- 28,560		30,480
Education		8,268	8,268	8,268	8,268- 9,168		8,752- 10,000	11,000	11,818	**5,718**	7,217- 9,110	7,540	7,668	13,830
Engineering	8,520- 8,670	9,168	9,168		8,268- 9,168	12,540	9,180- 11,000	16,000	12,553- 12,803	**7,865**	7,404- 9,110	7,540- 8,044	9,202	13,830
Human Ecology		8,268	9,168	8,268						**5,972**		7,540		13,830
Law	9,570	8,268	8,268	8,690	8,268- 9,168		8,752- 10,000	11,000	15,192- 17,192	**8,149**	8,098- 9,110	7,038- 8,044	7,668- 9,202	14,752
Medicine	11,270	9,168	9,780- 19,559	11,576	8,268- 9,168	38,970		16,000	23,750- 26,750	**12,737- 13,291**	14,253	10,816	13,008	
Music	7,900- 8,670	8,268	9,168	8,268	8,268- 9,168	10,950	8,752- 10,000	11,000	8,755	**6,247**	7,092- 9,110	6,356- 8,294	7,668	13,830
Science	7,900- 8,670	9,168	9,168	8,268	8,268- 9,168	12,450	8,752- 10,000	11,000	8,755	**6,055**	7,217- 9,110	7,540	7,668	13,830

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.2.3 - International Student Fees by Primarily Undergraduate Institution – 1999/00

Faculty	University Tuition Fees ($)[1]																				
	PEI[9]	Acadia	Cape Breton	Mount Saint Vincent[10]	St. Francis Xavier	Saint Mary's	Moncton	Mount Allison	St. Thomas	Bishops[21]	Brock	Lakehead	Laurentian	Nipissing	Ryerson[12]	Trent	Wilfrid Laurier	Brandon[6D]	CUSB[5]	Winnipeg[24]	Lethbridge	UNBC[15]
Agriculture	6,880	8,500-9,700																			6,720	
Architecture	6,880	8,500-9,700													11,250							
Arts	6,880	8,500-9,700	6,400	6,615	7,160	7,650	5,050	8,440	5,920	8,268-9,168	9,326	7,900	8,165	6,500	11,250		8,500	**5,308**	**5,127**	**5,418**	6,720	5,079
Commerce	6,880	8,500-9,700	6,400	6,615	7,160	7,650	5,050	8,440		8,268-9,168	9,326	7,900	8,165	6,500	11,250	10,439	8,500				6,720	5,079
Dentistry	6,880															10,439						
Education	6,880	8,500-9,700		6,835	7,160		5,050		9,000	8,268-9,168	10,258	7,900	8,748	6,500	11,250			**5,405**	**5,617**	**5,418**	5,376-7,392	
Engineering	7,228	8,500-9,700	6,400		7,160	8,786	5,050					7,900	8,748		11,250							
Human Ecology	6,880	8,500-9,700		6,615			5,050								11,250							
Law	6,880						5,050															
Music	7,228	8,500-9,700			7,160		5,050	8,440		8,268-9,168	9,326	7,900					8,500	**5,639**			6,720	
Science	6,880	8,500-9,700	6,400	6,615	7,160	7,650	5,050	8,440		8,268-9,168	9,326	7,900	8,165	6,500	11,250	10,439	8,500	**5,765-5,870**	**6,067**	**6,241**	6,720	5,079-5,714

Source: Statistics Canada Tuition and Living Accommodations. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.2.4 - International Student Fees by Primarily Undergraduate Institution – 2000/01

Faculty	University Tuition Fees ($)[1]																				
	PEI[2]	Acadia	Cape Breton	Mount Saint Vincent[3]	St. Francis Xavier	Saint Mary's	Moncton	Mount Allison	St. Thomas	Bishops[4]	Brock	Lakehead	Laurentian	Nipissing	Ryerson[5]	Trent	Wilfrid Laurier	Brandon[6]	CUSB[7]	Winnipeg[8]	Lethbridge	UNBC[9]
Agriculture	6,880																				6,940	
Architecture	6,880														11,250							
Arts	6,880	10,331	6,770	7,110	7,370	8,420	5,555	8,780	6,120	8,268-9,168	9,512	8,500	8,565	6,500	11,250	10,516	8,840	5,004	4,614	5,108	6,940	5,079
Commerce	6,880	10,331	6,770	7,110	7,370	8,420	5,555	8,780		8,268-9,168	9,512	8,500	8,565	6,500	11,250	10,516	8,840				6,940	5,079
Dentistry	6,880																					
Education	6,880	10,331		7,340	7,370		5,555		9,400	8,268-9,168	11,415	8,500	9,177	6,500	11,250			5,097	5,055	5,108	6,940-7,634	
Engineering	7,228	10,331	6,770		7,370	9,772-9,793	5,555					8,500	9,117		11,250							
Human Ecology	6,880	10,331		7,110	7,370		5,555								11,250							
Law	6,880						5,555															
Music	7,228	10,331			7,370		5,555	8,780		8,268-9,168	9,512	8,500					8,840	5,317			6,940-7,316	
Science	6,880	10,331	6,770	7,110	7,370	8,520	5,555	8,780		8,268-9,168	9,512	8,500	8,565	6,500	11,250	10,516	8,840	5,436-5,535	5,460	5,885	6,940	5,079-5,714

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Undergraduate tuition is reported here.

Table B.3.1 - Canadian and International Graduate Students Tuition Fees by Medical – Doctoral Institution – 1999/00

Students	University Tuition Fees ($)[1]													
	Dalhousie	Laval[2]	McGill[2]	Montreal[2,3]	Sherbrooke[2]	McMaster	Ottawa[4]	Queens	Toronto[5]	Manitoba[6,7]	Saskatchewan	Alberta[8]	Calgary	BC
Canadian	3,213-8,015	1,668-3,438	1,668-3,438	1,668	2,502-4,752	4,422-6,846	1,692-5,100	5,159	4,477-10,500	**4,103**	3,891	2,498	3,851	2,279
International	6,303-11,105	7,458-8,268	7,458-18,000	7,458-8,268	11,187-12,402	12,045-18,006	5,250-13,000	10,600	16,720	**7,150**	3,819	4,997	7,702	7,200

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Graduate tuition is reported here.

Table B.3.2 - Canadian and International Graduate Students Tuition Fees by Medical – Doctoral Institution – 2000/01

Students	University Tuition Fees ($)[1]													
	Dalhousie	Laval[2]	McGill[2]	Montreal[2,3]	Sherbrooke[2]	McMaster	Ottawa[4]	Queens	Toronto[5]	Manitoba[6,7]	Saskatchewan	Alberta[8]	Calgary	BC
Canadian	4,557-14,800	1,668-3,708	1,668-3,708	1,668-3,708	2,502-5,562	4,422-7,500	3,294-5,280	5,159	4,701-16,000	**3,693**	1,260-4,200	3,188	4,068	2,279
International	8,157-18,400	7,458-8,268	7,458-20,000	7,458-8,268	11,187-12,402	12,045-25,000	6,335-14,000	10,600	8,501-20,000	**7,180**	1,260-4,200	5,841-9,379	8,136	7,200

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes.
Only Full-time Graduate tuition is reported here.

Table B.3.3 - Canadian and International Graduate Students Tuition Fees by Primarily Undergraduate Institution – 1999/00

Students	University Tuition Fees ($)[1]																	
	PEI[3]	Acadia	Mount Saint Vincent[4]	St. Francis Xavier	Saint Mary's	Moncton	Mount Allison	Bishop	Brock	Lakehead	Laurentian	Trent	Wilfrid Laurier	Brandon[6][13]	CUSB[6]	Winnipeg[6][14]	Lethbridge	UNBC[15]
Canadian	2,286	1,683-4,361	5,375	4,160-4,560	4,400-5,485	2,610-3,465	250-500	1,668-3,438	4,508-4,573	4,640	3,738-5,376	4,862	5,775	4,550-4,833	4,252	4,103	2,836-8,000	2,100
International	5,686	3,366-8,722	8,075	7,160-7,560	8,040-9,125	4,695-5,550	4,470-4,720	-	8,686-10,920	8,400	9,798	10,942	10,500	4,550-4,833	7,441	7,180	5,672-16,000	2,100

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes
Only Full-time Graduate tuition is reported here.

Table B.3.4 - Canadian and International Graduate Students Tuition Fees by Primarily Undergraduate Institution – 2000/01

Students	University Tuition Fees ($)[1]																		
	PEI[3]	Acadia	Mount Saint Vincent[4]	St. Francis Xavier	Saint Mary's	Moncton	Mount Allison	Brock	Lakehead	Laurentian	Nipissing	Ryerson[12]	Trent	Wilfrid Laurier	Brandon[6][13]	CUSB[6]	Winnipeg[6][14]	Lethbridge	UNBC[15]
Canadian	2,286	1,792-4,645	5,645	4,370-4,770	4,620-5,760	2,880-3,810	250-500	4,590-4,800	4,872	2,614-3,760	-	4,421-5,555	5,304	3,370-5,548	4,095-4,350	3,827	3,693	4,220-6,624	1,400
International	5,686	3,584-9,290	8,645	7,370-7,770	8,830-9,970	5,160-6,120	4,640-4,890	8,860-11,138	9,000	5,138	24,975	11,250	11,384	7,280-9,120	4,095-4,350	7,441	7,180	8,440-13,248	1,400

Source: Statistics Canada Tuition and Living Accommodations Survey. See Endnotes
Only Full-time Graduate tuition is reported here.

End Notes:

1. All fees and costs reflect a regular academic year of two semesters (eight months) or 30 credit hours except graduate student data which remains unadjusted due to the different nature of graduate studies (a research component, varying program duration (8-12 months), more costly executive MBA programs, etc.).
2. Effective 1997/98, fees are lower for Quebec residents than out-of-province students. As a result of agreements between the Government of Quebec and other countries such as France, citizens of those countries may be exempted from paying the usual international tuition fees, paying instead the same fee as students from Quebec.
3. Université de Montréal: Upper fees are Statistics Canada estimates.
4. University of Ottawa: Additional fees are charged for specific courses, which may vary with the faculty offering the course, for course materials, or for student societies that are specific to a particular faculty.
5. University of Toronto: The lower undergraduate fees in Dentistry, Engineering, Law and Medicine (for Canadian and international students) apply to continuing students (enrolled prior to 2000 in Dentistry, 1999 in Engineering, 1998 in Law and Medicine). The higher fees apply to new students enrolled thereafter.
6. Tuition fees at all Manitoban universities in 2000/01 reflect a 10% rebate from the provincial government.
7. University of Manitoba: The undergraduate and graduate tuition fees for 2000/01 are estimates. The undergraduate lower fees in Dentistry and Medicine (for Canadian and international students) apply to continuing students whereas the higher fees apply to new students enrolled in 2000/01. The university rebates the 75% differential fee paid by international students for graduate students only.
8. University of Alberta: Dentistry students pay slightly higher fees in years one to three (than in year four) due to an extended spring/summer program. Similarly, Law students pay slightly higher fees in year one (than in years two to three) due to higher course weight (32 versus 28-32 credits). Conversely, Engineering students pay slightly less in year one (than in years two to four) due to less course weight.
9. University of Prince Edward Island: The faculty of dentistry program offered at UPEI is a pre-dentistry program. Additional fees are charged to the Commerce faculty (internship and work term fees), Education (professional fee), Science (lab fee) and Music (individualized instruction fee). The Science faculty also offers a veterinary program (DMV), of which the fees are generally higher than for other science programs.

10. Mount Saint Vincent University: Distance courses carry additional fees depending on delivery mode.
11. Bishop's University: Effective 2000/01, Bishop's no longer offers graduate programs.
12. Ryerson Polytechnic University: Effective 2000/01 Ryerson now offers graduate programs.
13. Brandon University: The undergraduate upper fees in Science (for Canadian and international students) apply to Psychiatric Nursing, Nursing and Mental Health.
14. University of Winnipeg: Offers graduate programs jointly with the University of Manitoba, the latter administer registration and fees.
15. University of Northern British Columbia: The undergraduate upper fees in Science (for Canadian and international students) are slightly higher as students may enroll in 33.75 credits per academic year, versus the standard 30 credits.